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Report of the Auditor General for the year ending 31st March, 1920, Volume III, Parts T to Z. Presented by Sir Henry Drayton, March 11, 1921.
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3. Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1921. Presented by Sir Henry Drayton, March 8, 1921.
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4. Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1922. Presented by Sir Henry Drayton, April 5, 1921.
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5. Further Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1921. Presented by Sir Henry Drayton, May 26, 1921.....*Printed for distribution and sessional papers.*

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8. Report of the Superintendent of Insurance of the Dominion of Canada for the year ended 31st December, 1919—Volume I, Insurance Companies other than Life; Volume II, Life Insurance Companies. Presented by Sir Henry Drayton, February 16, 1921.
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9. Abstract of Statements of Insurance Companies in Canada, year ending December 31, 1920. Not presented.....*Printed for distribution and sessional papers.*

10. Report of the Department of Trade and Commerce for the fiscal year ended March 31, 1920. Not presented.....*Printed for distribution and sessional papers.*

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10*f*. Report of the Commissioner of Patents for the firscal year ended March 31, 1920. Presented by Sir George Foster, February 18, 1921.
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11. Report of the Department of Customs and Inland Revenue, containing accounts of revenue with statements relative to the Imports, Exports, Customs and Inland Revenue of the Dominion of Canada, for the fiscal year ended March 31, 1920. Presented by Hon. Mr. Wigmore, February 18, 1921.
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12. Report of the Department of Health for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Calder, April 19, 1921.....*Printed for distribution and sessional papers.*

13. Report of By-Elections for the House of Commons of Canada, held during the year 1920. Presented by Hon. Mr. Speaker, April 18, 1921.
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14. Report of the work of the Department of Soldiers' Civil Re-establishment for year ended December 31, 1920. Presened by Hon. Mr. Tolmie, March 14, 1921.
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15. Report of the Minister of Agriculture for the Dominiin of Canada, for the year ending March 31, 1920. Presented by Hon. Mr. Tolmie, February 16, 1921.
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15*a*. Report on "The Agricultural Instruction Act," 1919-20. Presented by Sir Henry Drayton, February 22, 1921.....*Printed for distribution and sessional papers.*

15*b*. Report of the Veterinary Director General for the years ending March 31, 1919, and March 31, 1920. Presented by Hon. Mr. Tolmie, April 4, 1921.
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16. Report of the Dominion Experimental Farms for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Tolmie. April 19, 1921.
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17. Census of Industry.—Municipal Statistics, 1919. Not presented.
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17*a*. Census of Industry.—Laths, Lumber, etc., 1918. Not presented.
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17*b*. Census of Industry.—Central Electric Stations, 1918. Not presented.
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18. Report of the Department of Immigration and Colonization, for the fiscal year ended March 31, 1920. Presented by Hon. Mr. Calder, April 7, 1921.
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19. Report of the Minister of Public Works on the works under his control for the fiscal year ended March 31, 1920. Presented by Hon. Mr. McCurdy, February 15, 1921.
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20. Annual Report of the Department of Railways and Canals, for the fiscal year from April 1, 1919, to March 31, 1920. Presented by Hon. Mr. Reid, March 9, 1921.
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21. Fifty-third Annual Report of the Department of Marine and Fisheries, for the year 1919-20—Marine. Presented by Hon. Mr. Ballantyne, February 15, 1921.
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22. List of Shipping, issued by the Department of Marine and Fisheries, being a list of vessels on the registry books of the Dominion of Canada, on the 31st December, 1920. Not presented.....*Printed for distribution and sessional papers.*

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25*a*. Annual Report of the Topographical Survey Branch, Department of the Interior, year 1919-20. Not presented.....*Printed for distribution and sessional papers.*

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27. Annual Report of the Department of Indian Affairs for the year ended March 31, 1920. Presented by Hon. Mr. Calder, March 4, 1921.
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28. Report of the Royal Canadian Mounted Police for the year ended September 30, 1920. Presented by Hon. Mr. Calder, April 6, 1921.
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34. Report of the Secretary of State for External Affairs for the year ending March 31, 1920. Presented by Hon. Mr. Meighen, March 1, 1921.
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35. Report of the Superintendent of Penitentiaries for the fiscal year ended March 31, 1920. Presented by Hon. Mr. Doherty, April 13, 1921.
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36. Report of the Department of Militia and Defence, Canada, for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Guthrie, February 28, 1921.
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38. Fourth Annual Report of the Editorial Committee on Government Publications, dated March 1, 1921. Presented by Sir George Foster, March 15, 1921.
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39. Report of the Department of the Naval Service for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Ballantyne, February 15, 1921.
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42. Report of the Chief Electoral Officer, in conformity with Chapter 46, Section 19 of the Dominion Elections Act. Presented by Hon. Mr. Speaker, April 14, 1921.
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42a. Copies of Orders in Council Nos. P.C. 1722 and P.C. 1860, approving two tariffs of fees of election officers under section 76 of the Dominion Elections Act. Presented by Sir Henry Drayton, February 22, 1921.
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43. Statement of Governor General's Warrants issued since the last Session of Parliament on account of 1920-21. Presented by Sir Henry Drayton, February 16, 1921.
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44. Statement of Expenditure on account of "Miscellaneous Unforeseen Expenses," from the 1st April, 1920, to the 15th February, 1921, in accordance with the Appropriation Act Number (1), 1920. Presented by Sir Henry Drayton, February 16, 1921.
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45. Statement of Temporary Loans issued by the Government of Canada since the last Session of Parliament still outstanding. Presented by Sir Henry Drayton, February 16, 1921.
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46. Statement of Receipts and Expenditures of the National Battlefields Commission to 31st March, 1920. Presented by Sir Henry Drayton, February 16, 1921.....*Not printed.*

47. Report of the Ottawa Improvement Commission for the fiscal year ended March 31, 1920. Presented by Sir Henry Drayton, February 16, 1921.....*Not printed.*

48. Statement in pursuance of Section 17 of the Civil Service Insurance Act, for the year ending March 31, 1920. Presented by Sir Henry Drayton, February 16, 1921.
Not printed.

49. Statement of the Receipts and Expenditures of the Royal Society of Canada, for the year ended April 30, 1920. Presented by Sir Henry Drayton, February 16, 1921.
Not printed.

CONTENTS OF VOLUME 9—*Continued.*

50. Detailed account of endorsements or liabilities under Chapter 70, 10-11 George V, 1920, respecting the Shipbuilding Industry. Presented by Hon. Mr. Tolmie, February 16, 1921 ..... *Not printed.*

51. Statement of Superannuation and Retiring Allowances in the Civil Service in the year ending 31st December, 1920, under Chap. 17, R.S.C., showing name, rank, salary, service allowance and cause of retirement of each person superannuated or retired, also whether the vacancy has been filled by promotion, or by appointment, and the salary of any new appointee. Presented by Sir Henry Drayton, February 17, 1921. *Not printed.*

51*a*. Return to an Order of the House of the 4th April, 1921, for a return showing (*a*) the number of ex-civil servants now drawing superannuation from the Government and who had contributed for thirty-five years to the superannuation fund, and (*b*) the amount still remaining in this fund and (*c*) the amount withdrawn in the years 1918, 1919 and 1920. Presented April 8, 1921. Mr. Stevens ..... *Not printed.*

51*b*. First Annual Report of the Civil Service Commission on its operations under the Act respecting the Retirement of certain members of the Public Service, as required by Section 7 of Chapter 67, 10-11 George V. Presented by Hon. Mr. Calder, April 11, 1921. *Printed for bound sessional papers only.*

52. Regulations for the Canadian Air Force, approved by the Governor in Council under Section 5 of the Air Board Act, 9-10, George V, Chapter 11, on the 31st day of August, 1920. Presented by Hon. Mr. Guthrie, February 28, 1921.....*Not printed.*

53. Financial Statement of the Honorary Advisory Council for Scientific and Industrial Research of Canada, for the year ending March 31, 1920. Presented by Sir George *Not printed.*

54. Report of the Canadian Wheat Board, season of 1920. Presented by Sir George Foster, February 21, 1921. *Printed for sessional papers and distribution to Senators and Members.*

55. Regulations under "The Destructive Insect and Pest Act," pursuant to Section 9, Chapter 31 of 9-10 Edward VII. Presented by Sir Henry Drayton, February 22, 1921. *Not printed.*

56. Copy of Order in Council P.C. 2609, dated 26th October, 1920, appointing:—The Right Honourable Sir George Eulas Foster, a Member of His Majesty's Most Honourable Privy Council, G.C.M.G., B.A., D.C.L., LL.D., Minister of Trade and Commerce of Canada; The Right Honourable Charles Joseph Doherty, a Member of His Majesty's Most Honourable Privy Council, K.C., D.C.L., LL.D., Minister of Justice of Canada; and The Honourable Newton Wesley Rowell, a Member of the King's Privy Council for Canada, K.C.; to attend as the representatives of Canada at the first meeting of the Assembly of the League of Nations to be held at the Seat of the League in Geneva, Switzerland, on the 15th November, 1920. Presented by Sir George Foster, February 22, 1921.....*Not printed.*

56*a*. Copy of Resolutions adopted by the Assembly of the League of Nations during its First Session (November 15th to December 18th, 1920). Presented by Hon. Mr. Meighen, February 23, 1921 .....*Not Printed*

56*b*. Report by the Secretary-General to the First Assembly of the League of Nations on the work of the Council. Presented by Hon. Mr. Meighen, February 23, 1921. *Not printed.*

57. Copy of General Rules and Orders of the Exchequer Court of Canada, in accordance with the provisions of Section 88 of the Exchequer Court Act, Chapter 140, R.S.C. 1906. Presented by Sir Henry Drayton, February 24, 1921. .....*Not printed.*

57*a*. Copy of further General Rules and Orders of the Exchequer Court of Canada, in accordance with the provisions of Section 88 of the Exchequer Court Act, Chapter 140, R.S.C. 1906. Presented by Sir Henry Drayton, May 9, 1921 .....*Not printed.*

58. General Rules and Forms in accordance with Section 66 of The Bankruptcy Act, Chapter 36, 9-10 George V. Presented by Sir Henry Drayton, February 24, 1921. *Not printed.*

59. A detailed statement of all bonds or securities registered in the Department of the Secretary of State of Canada, since last return (27th February, 1920), submitted to the Parliament of Canada under Section 32 of Chapter 19, of the Revised Statutes of Canada. Presented by Sir Henry Drayton, February 25, 1921. *Not printed.*

CONTENTS OF VOLUME 9—*Continued.*

60. Order in Council, P.C. 755, as amended by Order in Council P.C. 879 of April 14, 1920, establishing The Clearing Office and its duties with respect to the settlement of the properties or debts in Canada of German nationals, in pursuance of the provisions of Section 1 of "An Act for carrying into effect the Treaties of Peace between His Majesty and certain other Powers," Chapter 30, George V, 1919. Presented by Sir Henry Drayton, March 1, 1921. .....*Not printed.*

61. Statement showing the number of Enfranchisements under the Indian Act, from 1st April, 1920, to 18th February, 1921. Presented by Hon. Mr. Calder, March 1, 1921. *Not printed.*

62. Return of Orders in Council which have been published in the *Canada Gazette,* between 5th February, 1920, and the 31st December, 1920, in accordance with the provisions of Section 77 of "The Dominion Lands Act," Chapter 20, 7-8, Edward VII. The Senate.....*Not printed.*

63. Return of Orders in Council which have been published in the *Canada Gazette* between the 5th February, 1920, and the 31st December, 1920, in accordance with the provisions of Section 19, of Chapter 10, 1-2 George V,—"The Forest Reserves and Parks Act." The Senate.....*Not printed*

64. Copies of Orders in Council passed between the 5th February, 1920, and the 31st December, 1920, approving of regulations and forms prescribed in accordance with the provisions of Section 4, Chapter 18, 1917, "Migratory Birds Convention Act." The Senate. .....*Not printed.*

65. Copies of General Orders promulgated to the Militia for the period between February 2, 1920, and January 15, 1921. Presented by Hon. Mr. Guthrie, March 8, 1921. *Not printed.*

66. Copies of all Routine Orders of the Canadian Expeditionary Force promulgated from February 3, 1920, to September 30, 1920. Presented by Hon. Mr. Guthrie, March 8, 1921. ..... *Not printed.*

67. Additional Regulations made under authority of the Soldier Settlement Act of 1919. The Senate ..... *Not printed.*

68. Return showing all lands sold by the Canadian Pacific Railway Company during the year ended 30th September, 1920, together with the names of the purchasers, in accordance with the Statutes of Canada, 1886, Chapter 9, Section 8. Presented by Hon. Mr. Calder, March 4, 1921. .....*Not printed.*

69. Return showing the number of permits granted to take intoxicants into the North West Territories, for the year ended the 31st of December, 1920, in accordance with the provisions of the Revised Statutes, Chapter 62, Section 88. Presented by Hon. Mr. Calder, March 4, 1921. ..... *Not printed.*

70. Third Annual Report of the Historical Documents Publication Board for the year ending March 31, 1920. Presented by Hon. Mr. Calder, March 4, 1921. ....*Not printed.*

71. Copy of the Canada-West Indies Trade Agreement, 1920. Presented by Sir George Foster, March 7, 1921. ..... *Not printed.*

72. Return to an order of the House of the 5th May, 1920, for a copy of a letter sent on January 30, 1920, to the Right Honourable Sir George Foster, acting Prime Minister, by J. T. Ross, Esq., President of the Quebec Board of Trade, concerning the intention of the Government to build in Canada a number of 15,000-ton passenger steamships with a speed of 18 knots for the Canadian service, and a copy of the letter in answer thereto. Presented, March 7, 1921 Mr. Lapointe. ..... *Not printed*

73. Return to an Order of the House of the 26th May, 1920, for a Return showing the average prices paid for anthracite coal in Canada in the years 1914, 1915, 1916, 1917, 1918 and 1919. Presented, March 7, 1921. Mr. Archambault ..... *Not printed.*

74. Return to an Order of the House of the 17th May, 1920, for a Return showing:—

1. Working hours of the Civil Servants in the Inside Service, stenographers, clerks and others.

2. Whether these hours are strictly observed.

3. What salaries stenographers, clerks and others are receiving. That is, the average generally, also average bonus. Presented March 7, 1921. Mr. Hay. *Not printed.*

CONTENTS OF VOLUME 9—*Continued.*

75. Return to an Order of the House of the 17th May, 1920, for a copy of all letters, telegrams, reports, documents and other correspondence between the Post Office Department, the Post Office Inspector at Halifax, and any persons at Vogler's Cove, Nova Scotia, regarding complaints in connection with the manner in which post office matters are conducted at the said Vogler's Cove. Presented March 7, 1921. Mr. Duff. ..... *Not printed.*

76. Return to an Order of the House of the 26th May, 1920, for a copy of all telegrams, letters and other documents referring to the application for the change in the site of the Scotch Hill post office, Inverness County, N.S. Presented March 7, 1921. Mr. Chisholm ..... *Not printed.*

77. Return to an Order of the House of the 4th June, 1919, for a Return showing:—

1. The initial cost of the thirty-six drifters known as the "C.D.'s" referred to by the Honourable Minister of Naval Affairs on page 2916 of Unrevised *Hansard.*

2. How much was expended in repairing these vessels from date of purchase to November 11, 1918.

3. Who, on behalf of the Government, looked after the building of these vessels.

4. Who accepted these vessels from the builders.

5. Whether he is still in the service. Presented March 7, 1921. Mr. Sinclair (Antigonish.) ..... *Not printed*

78. Return to an Order of the House of the 5th May, 1920, for a copy of a letter of the Board of Trade of Quebec to the Minister of Marine and Fisheries, dated December 29, 1919, concerning the loss of the Government steamship *Canadian Recruit* and the accident to the Government steamer *Canadian Spinner* and other accidents due to want of ice breakers, and a copy of the letter in answer thereto. Presented March 7, 1921. Mr. Lapointe .....*Not printed.*

79. Return to an Order of the House of the 3rd May, 1920, for a copy of the correspondence between the Department of Public Works and all the officers, employees or other persons concerning the redistribution of the districts in the Public Works Department. Presented March 7, 1921. Mr. Cannon .....*Not printed.*

80. Return to an Order of the House of the 7th March, 1921, for a return showing: 1. Whether the Governor in Council has prohibited the export of gold coin, gold bullion or fine gold bars, from the Dominion of Canada, and if so, whether such prohibition is still in force, and under what authority, and how and when such prohibition was declared, made or published. 2. If the Governor in Council has prohibited the export of gold coin, gold bullion or fine gold bars from the Dominion of Canada, whether such prohibition was absolute, or was such gold coin, gold bullion or fine gold bars, notwithstanding such prohibition as may have been made in respect thereof, still subject to export in certain cases, or by virtue of permits or licenses, secured for such purposes. 3. Whether the Governor in Council, or the Government of the Dominion of Canada, or any minister or official or officer thereof, has issued or granted permits or licenses permitting or authorizing the export of gold coin, gold bullion or fine gold bars from the Dominion of Canada, by any person, bank, company or corporation since the 1st of January, 1918; and if so, to what person or persons, bank or banks, company or companies, corporation or corporations such permits or licenses to export gold coin, gold bullion or fine gold bars were granted or issued since the 1st of January, 1918, and the respective dates of such permits or licenses. 4. To what person, bank, company or corporation each of such permits and licenses was issued or granted, and when, and what amounts of gold coin, gold bullion or fine gold bars were authorized to be exported by each of such permits and licenses; and amount of gold coin, gold bullion or fine gold bars actually exported under each of such permits and licenses. 5. Whether such permits or licenses as may have been issued for the export of gold coin, gold bullion or fine gold bars or the applications therefor specified to what country or countries the gold coin, gold bullion or fine gold bars, thereby authorized to be exported, were to be sent, and if so, what country or countries were so mentioned or specified in each of said permits or licenses, and in each application for such permits or licenses. 6. Whether any charge or charges have been made by the Governor in Council, by the Government of the Dominion of Canada or by any minister, official or officer thereof, for permits or licenses to export gold coin, gold bullion or fine gold bars from the Dominion of Canada, and if so, what charge or charges; and whether the charge or charges so made have depended to any extent, and if so, to what extent, upon the amount of gold coin, gold bullion or fine gold bars that the respective permits or licenses authorized to be exported. Presented March 7, 1921. Mr. Devlin.
Not printed.

CONTENTS OF VOLUME 9—*Continued.*

81. Copies of Order in Council, as follows:—P.C. 1849, dated 12th August, 1920: Age limits on entry of Petty Officers and Chief Petty Officers for special service—alteration of. P.C. 2137, dated 15th September 1920: Putting into effect of the Naval Discipline (Dominion Naval Forces) Act. P.C. 2328, dated 25th September, 1920: Establishment of "Naval Professor," R.C.N. P.C. 2709, dated 6th November, 1920: Prize Money for Gunnery and Torpedo Work. P.C. 2835, dated 19th November, 1920: Entry of Surgeon Lieutenant, R.C.N. P.C. 2678, dated 3rd December, 1920; Entry of Chief Petty Officers and Petty Officers in the Royal Canadian Navy. P.C. 2911, dated 3rd December, 1920: Establishment of Non-Substantive Ratings in the R.C.N. P.C. 3037, dated 30th December, 1920: Allowance for Captain's Writer. P.C. 28, dated 21st January, 1921: Entry of Instructor Officers, R.C.N. P.C. 288, dated 7th February, 1921; Allowance for Officers appointed as District Intelligence Officers in lieu of a Specialist. P.C. 299, dated 7th February, 1921: Provision for special protective clothing for men engaged on submarine duty. P.C. 289, dated 14th February, 1921: Staff Pay to Headquarters Naval Staff. Presented by Hon. Mr. Ballantyne, March 8, 1921. ..... *Not printed.*

81*a*. R. C. Navy. P.C. 1642, May 18, 1921, respecting loan of volunteers from active list. Presented June 4, 1921. ..... *Not printed.*

82. Return to an Order of the House of the 29th March, 1920, for a copy of the specifications and plans for the drydock at Vancouver, British Columbia, for which a subsidy is being granted to J. Coughlan & Sons, Limited, along with a copy of the contract between the Government and J. Coughlan & Sons, Limited, for the construction of the said drydock. Presented March 8, 1921. Mr. Archambault..*Not printed.*

82*a*. Return to an Order of the House of the 4th March, 1921, for a copy of the contract given by the Government of Canada to the firm of J. Coughlan & Sons for the construction of a dry dock in Vancouver, together with all the correspondence, tenders contract and all documents relating to the said contract. Presented April 28, 1921. Mr. Archambault ..... *Not printed.*

83. Return to an Order of the House of the 5th May, 1920, for the production of copies of all letters, telegrams, papers and correspondence exchanged between the Department of Justice and others as the case may be in reference to the trial of one Onofrio Montzano held at Murray Bay, district of Saguenay, in 1912, and the trial of the Labrie Brothers held at Sherbrooke, district of St. Francois, and their release from penitentiary on account of irregularities in the proceedings followed at each of these trials, and also copies of all documents contained in the records of the Department of Justice in reference thereto. Presented March 8, 1921. Mr. Casgrain. *Not printed.*

84. Appointments, Promotions and Retirements, Canadian Militia and Canadian Expeditionary Force, from February 5, 1920, to December 9, 1920. Presented by Hon. Mr. Guthrie, March 8, 1921 ..... *Not printed.*

85. Return to an Order of the Senate of the 23rd April, 1920, for a Return showing all moneys expended by the Government up to the present time in connection with the Treaty with Germany, Austria, Czecho-Slovakia, the Serb-Croatian-Slovene State and Bulgaria, stating the vote from which any moneys so far expended have supplied; stating the amount assessed against Canada under Article 6 of the Covenant of the League of Nations as the share of the Dominion of Canada for the purpose of carrying out the terms of the Covenant. The Senate.....*Not printed.*

86. Return to an Order of the Senate of the 28th May, 1920, for a Return of all plans and reports made by the engineers of the Public Works Department in connection with a survey made of the Saskatchewan aiver, to determine the possibiity of navigation from Lake Winnipeg to Edmonton. The Senate.....*Not printed.*

87. Return to an Order of the House of the 23rd June, 1920, for a copy of all correspondence, letters, telegrams and reports touching the issuing of permits for the export of sugar, whether with refineries or those acting for them or with purchasers or those acting for them. Presented March 10, 1921. Mr. McMaster. *Not printed.*

88. Return to an Order of the House of the 7th March, 1921, for a Return showing:—1. In what countries commercial agencies have been established by the Federal Government. 2. Names of said agents, their previous address, present address, previous business experience, date of appointment and respective salaries. Presented March 14, 1921. Mr. Duff. .....*Not printed.*

CONTENTS OF VOLUME 9—*Continued.*

89. Return to an Order of the House of the 14th March, 1921, for a Return showing: 1. Number of non-commissioned officers in the Dominion Police at the time of the amalgamation with the Mounted Police. 2. Number of said officers in "A" Division at the present time. 3. Whether it is true that all non-commissioned officers of the Dominion Pilice were placed junior on the Seniority List to non-commissioned officers in the Mounted Police irrespective of years of service; and whether it is further true that a Dominion Police Sergeant with 6 years' service as such, was, upon amalgamation, placed junior to a non-commissioned officer of the Mounted Police with only a few months' service as such. 4. At the time of the amalgamation of the two forces whether three inspectors of the Dominion Police were reduced to sergeants. If so, why. 5. Number of non-commissioned officers of the Mounted Police promoted to inspectors at the time or subsequent to, the date of the amalgamation. Presented March 14, 1921. Mr. Cahill.

Not printed.

89*a*. Return to an Order of the House of the 14th March, 1921, for a Return showing: 1. Cost of the Dominion Police Force during 1919, less the Finger Print and Ticket of Leave sections. 2. Strength of the Dominion Police at the time of their amalgamation with the Mounted Police. 3. Strength of "A" division at the present time, and if there has been an increase in numbers, what the necessity is for such increase. 4. Cost of "A" division for the first 12 months after the amalgamation with the Dominion Force, and if there was an increase in cost, what the reason is for such increase. 5. How many Government buildings, etc., were given police protection at the time the forces were amalgamated. 6. How many Government buildings are given police protection at the present time. Presented March 14, 1921. Mr. Cahill. ..... *Not printed.*

89*b*. Return to an Order of the House of the 14th March, 1921, for a Return showing: 1. Whether the members of the Royal Mounted Police receive a share of any fines imposed for infractions of any Dominiin Act or other Act. 2. If so, what proportion of such fines they receive. 3. Names of the members of the Royal Canadian Mounted Police who have been paid a share of such fines during the past twelve months and amount paid to each. Presented March 14, 1921. Mr. Cahill.

Not printed.

89*c*. Return to an Order of the House of the 14th March, 1921, for a Return showing: 1. Before their amalgamataion with the new Mounted Police Force number of trips per day made by the Dominion Police to the Departmental buildings in connection with the police mail. 2. Number of trips per day made for the same purpose by the members of the present Mounted Police Force. 3. Whether the Dominion Police performed the duties mentioned on foot. 4. Whether the Mounted Police perform the same duties on motor cycles, or by other vehicles. 5. Whether the services in question were performed for a period of about 30 years by the Dominion Police. 6. If so, why the number of trips per day has been decreased in the case of the Mounted Police. Presented March 14, 1921. Mr. Cahill.

Not printed.

89*d*. Return to an Order of the House of the 14th March, 1921, for a Return showing: 1. Names of the Staff Officers in the Royal Canadian Mounted Police according to seniority.2. Whether they all draw staff pay. If so, how much each draws. 3. If all do not draw staff pay, names of those who receive it, and why an exception is made. 4. In addition to detectives, whether there are a superintendent and uniformed men in Montreal and Toronto. 5. If so, what the necessity is for maintaining these members of the Mounted Police in the cities mentioned. 6. In addition to salaries, whether the superintendents have their house rent paid, and whether they receive free coal, light, etc. 7. If so, whether the men are similarly treated, and if not, why. 8. Whether "N" Division of the Mounted Police is located at Ottawa. 9. If so, what duties other than drilling as cavalry "N" Division performs. 10. Whether it would not be in the best interest, and conducive to a large saving in public expenditure, if the Mounted Police were absorbed by the Royal Canadian Dragoons. 11. Whether there is any practical objection to their being so absorbed. If so, what the objection is. Presented March 14, 1921. Mr. Cahill.

Not printed.

89*e*. Return to an Order of the House of the 14th March, 1921, for a Return showing: 1. Whether it is true that one automobile sufficed for the purposes of the Dominion Police before ther amalgamation with the Mounted Police. 2. Whether it is correct that "A" Division of the Mounted Police have been using two automobiles, one motor truck and two motor cycles, and that five chauffeurs are employed, who do no other work than drive cars. 3. Whether any members of the Mounted Police have been imprisoned in the County of Carleton jail since the amalgamation with the Dominion Police. 4. If so, what the offence and sentence in each case was, and by whom the trial was held and sentence pronounced. 5. Whether

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the Government pay for the maintenance of such men as were imprisoned in the County of Carleton Jail, and if not, why not. 6. Whether there is at the present time in one of the buildings owned by the Government in the City of Ottawa a cell or place of detention in which members of the Mounted Police may be confined. If so, where it is located. 7. Whether any member of the Mounted Police has been confined in such cell or place of detention, and for what offence. 8. By whom the offender so confined was tried, and what sentence was pronounced. 9. Whether a superintendent of the Mounted Police fined two boys for breaking windows at the Ottawa Experimental Farm last summer. 10. If so, what the amount of the fines, and whether the superintendent paid over the money received for such fines, and if so, to whom payment was made. Presented March 14, 1921. Mr. Cahill.
Not printed.

90. Proceedings of the International Financial Conference held at Brussels in 1920: Volume I—Report of the Conference. Volume II—Verbatim Record of the Debates. Volume III—Statements on the financial Situation of the Countries represented at the Conference. Volume IV—Public Finance. Presented by Sir Henry Drayton, March 16, 1921. ..... *Not printed.*

91. Supplementary Report of a Committee of experts, dated January, 1921, appointed by Order in Council dated 20th November, 1918, on the recommendation of the Civil Service Commission, to investigate and report upon conditions in the Department of Public Printing and Stationery. Presented by Sir George Foster, March 17, 1921.
Not printed

92. Report by Arthur Young and Company, dated 6th December, 1920, respecting Reorganization of the Department of Public Printing and Stationery. Presented by Sir George Foster, March 17, 1921.....*Not printed.*

93. Detailed Statement of Remissions of Customs Duties and the Refund thereof, under Section 92, Consolidated Revenue and Audit Act, through the Department of Customs, for the fiscal year ended 31st March, 1920. Presented by Sir Henry Drayton, March 22, 1921. ..... *Not printed.*

94. Return to an Order of the House, of the 21st March, 1921, for a copy of all letters, telegrams and other correspondence between the Dominion Government or any member thereof and the Government of Ontario or any member thereof, regarding Bill No. 23 (Letter D of the Senate), intituled: "An Act respecting the Lake of the Woods Control Board," or the subject matter thereof. Presented March 22, 1921. Mr. Molloy. ..... *Not printed.*

94*a*. Further correspondence between the Government of Canada and the Provincial Governments of Manitoba and Ontario, respecting the control of the waters of the Lake of the Woods. Presented by Hon. Mr. Meighen, May 27, 1921.
Not printed.

94*b*. Copy of further telegrams between the Prime Minister of Canada and the Premier of Ontario respecting the control of the waters of the Lake of the Woods. Presented by Hon. Mr. Meighen, May 31, 1921. ..... *Not printed.*

95. Return to an Order of the House of March 9, 1921, for a copy of all letters, papers and other documents leading up to the passing of the Order in Council, dated the 6th day of September, 1919 (P.C. 1860), whereby authority was given (a) For the withdrawal from disposal, under the provisions of the Quartz Mining Regulations, of the available Sodium Chlorid (common salt) Rights in Township 88, Ranges 7 and 8, and Township 89, Ranges 8 and 9, West of the 4th, to admit of prospecting operations for the discovery of that mineral being conducted in the interests of the Province of Alberta. (b) For the withdrawal from disposal of the Gypsum Mining Rights under the said property. Presented March 23, 1921. Mr. Mackie (Edmonton).
Not printed.

96. Return to an Order of the House of the 8th March, 1921, for a copy (a) of the report made by Mr. S. C. Ells, an officer of the Department of Mines, to the Department of the Interior, touching the Tar Sands in the Province of Alberta, as related in an Order in Council, P.C. 1495, and dated the 3rd day of July, 1920; (b) of all letters, papers and documents of whatsoever nature they may be, leading up to the passing of the said Order in Council. Presented March 23, 1921. Mr. Mackie (Edmonton).
Not printed.

97. Return to an Order of the House of the 23rd March, 1921, for a Return showing: 1. Who are the medical officers employed at the head office of the Board of Pension Commissioners at Ottawa. 2. Their names and the medical experience of each. 3. How many of these medical advisers have completed their uni-

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versity course, and (a) Their names; (b) How many have obtained their diplomas permitting them to practice; (c) Whether any among them have obtained their license to practice in recognition of their war service. 4. The military record of each of these officers. 5. The salary of each. 6. Their respective duties. 7. Whether these medical advisers have the medical experience sufficient to decide on technical questions for the Board of Pension Commissioners and whether they are well qualified to change the decision of local medical officers. 8. Whether the Commissioners are obliged to concur in the decision of their medical officers. 9. If not, why. Presented March 23, 1921. Mr. Cannon.....*Not printed.*

98. Copy of Trade Agreement between France and Canada, signed at Paris, the 29th day of January, 1921. Presented by Hon. Mr. Meighen, March 29, 1921.
Printed for distribution to Senators and Members.

98*a*. Correspondence relating to the Franco-Canadian Commercial Agreement, 1921. Presented by Sir George Foster, April 15, 1921.
Not printed.

99. Return to an Order of the House of the 16th March, 1921, for a Return showing: 1. The names of the employees of the Money-Order Branch in the following Post Offices (Head Offices): Hamilton, London, Ottawa, Montreal, Quebec, St. John, N.B., and Halifax, N.S. 2. The rank, according to the new classification, of each one of said employees, and their present salary. 3. The number of years of service of said employees. 4. The annual actual revenue of each one of the above mentioned Post Offices. 5. Who the employees are in charge of said Branch in each one of said offices. 6. Who the officials are in charge of the registration Branch ian the main post offices of the above mentioned cities, the rank and salary of each one of them. Presented March 29, 1921. Mr. Parent.....*Not printed.*

100. Return to an Order of the Senate of the 29th March. 1921. for a Return showing: 1. When the Griffenhagen Company was engaged to reorganize the various departments of the Government services. 2. How much has been paid to them up to December 31, 1920—(a) for salary, (b) for travelling expenses, and (*c*) for maintenance. 3. What members of the Civil Service have been assisting the Griffenhagen Company. What amount has been paid them while engaged in this work—(*a*) for salary, (*b*) for travelling expenses, (*c*) for maintenance. 4. What amount, if any, is due and unpaid to Griffenhagen Company, and the officials assisting them up to December 31, 1920. 5. Whether the contract with Griffenhagen Company has been cancelled. 6. If not, is it going to be cancelled, and when. 7. What departments have they reorganized. 8. Has their work been as unsatisfactory as the work of their predecessors, Messrs. Young and Company. The Senate.
Not printed.

101. Return to an Order of the Senate of the 29th March. 1921, for a Return showing: All papers, documents and correspondence passed between the Canadian Government and the British Government, or between any Minister, member or official of the Canadian Government and any member or official of the British Admiralty or between any persons or officials thereof, since 1909, giving details and particulars as regards the negotiations on naval affairs leading up to the agreement which was arrived at after the Imperial Conference of 1911, as to the movement of vessels outside the three-mile limit and the establishment of naval stations for the ships transferred to or purchased for the Canadian Naval Service; also, copies of regulations governing the movement of vessels of the Canadian Navy at the present time. The Senate ..... *Not printed.*

102. Copy of Order in Council, P.C. 856, dated 21st March, 1921, placing the control and supervision of the Office of the High Commissioner for Canada in London under the Secretary of State for External Affairs. Presented by Hon. Mr. Meighen, March 30, 1921. ..... *Not printed.*

103. Return to an Order of the House of the 4th March, 1921, for a Return showing:—1. Who were Deputy Ministers in the several departments of the Government, on January 1, 1910. 2. Who were they on January 1, 1921. 3. Who were heads of branches in the various departments of the Dominion Government in 1910. 4. Who were they on the 1st of January, 1921. Presented March 30, 1921. Mr. Vien.
Not printed.

104. Return to an Order of the House of the 7th March, 1921, for a Return showing:—1. Total number of employees in the Civil Service in the year 1913. 2. Total number of employees in the Civil Service in the year 1920. Presented March 30, 1921. Mr. McGibbon .....*Not printed*

CONTENTS OF VOLUME 9—*Continued.*

105. Return to an Order of the House of the 4th March, 1921, for a Return showing:— 1. How many commissions the Government has created since 1911. 2. Names of the said commissions. 3. Names of the present commissioners in the various commissions and their respective salaries. Presented March 30, 1921. Mr. Deslauriers. *Not printed.*

106. Return to an Order of the House of the 30th March, 1921, for a Return showing: 1. When the 18,000 box cars ordered for the Canadian National Railways were ordered. 2. If ordered at different dates, what year and month the orders were placed. 3. Names of firms building same. 4. Whether tenders were called or are they being built on order. 5. If built on basis of cost plus percentage. what percentage or profit is allowed. 6. Cost of 1,000 box cars. 7. How many cars have been delivered, and on what dates. 8. How many new cars were put in grain carrying trade west of Fort William. 9. Maximum grain carrying capacity of said cars. 10. Whether the said cars are fitted with hopper bottoms for speedy unloading at terminals. 11. Whether the 18,000 box cars above mentioned are in addition to cars which were added to replace broken or worn out box cars. Presented March 30, 1921. Mr. Reid (Mackenzie). ..... *Not printed.*

107. Return to an Address to His Excellency the Governor General, of the 10th March, 1921, for a copy of the Order in Council of July 9, 1920, appointing the Honourable Sir Thomas White as an arbitrator to value the stock of the Grand Trunk Railway Company, any subsequent Orders in Council having reference to this matter, and for all correspondence between the Government and the Honourable Sir Thomas White respecting such appointment. Presented April 4, 1921.....*Not printed.*

108. Copy of Orders in Council P.C., 279, dated 5th February, 1921, and P.C. 999, dated 23rd March, 1921, in respect to the appointment and salary of a manager for the Parliamentary Restaurant. Presented by Hon. The Speaker, April 4, 1921. *Not printed.*

109. Return to an Order of the House of the 23rd March, 1921, for a copy of all letters and correspondence exchanged between professors or officials of Acadia University and the Department of Mines, since February 1, 1920, to date, relative to the employment of students of the said University by the said Department during the summer months. Presented April 5, 1921. Mr. Douglas (Cape Breton).....*Not printed*

110. Return to an Order of the House of the 8th March, 1921, for a copy of all letters, papers, documents and agreements leading up to the passing of the Order in Council, dated the 8th day of July, 1920 (P.C. 1547), whereby General William Bethune Lindsay, M.I.E.C., secured the right to a nineteen hundred and twenty acre lease of Tar Sands in the Province of Alberta. Presented April 5, 1921. Mr. Mackie (Edmonton) ..... *Not printed.*

111. Return to an Order of the House of the 10th March, 1921, for a copy of all correspondence, reports and memoranda in the hands of the Civil Service Commission of Canada regarding the dismissal of Alfred St. Laurent from the stationery branch of the Department of Public Printing and Stationery at Ottawa. Presented April 5, 1921, Mr. Fripp. ..... *Not printed.*

112. Return to an Order of the House of the 14th March, 1921, for a Return showing:— 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Drummond-Arthabaska. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin.....*Not printed*

113. Return to an Order of the House of the 14th March, 1921, for a Return showing:— 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Shefford. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented, April 5, 1921. Mr. Tobin ..... *Not printed.*

114. Return to an Order of the House of the 14th March, 1921, for a Return showing:— 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Richmond and Wolfe. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin. ..... *Not printed.*

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115. Return to an Order of the House of the 14th March, 1921, for a Return showing:— 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Compton. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin. ..... *Not printed.*

116. Return to an Order of the House of the 14th March, 1921, for a Return showing:— 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Brome. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin..... *Not printed*

117. Return to an Order of the House of the 14th March, 1921, for a Return showing:— 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Missisquoi. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented, April 5, 1921. Mr. Tobin .... *Not printed.*

118. Return to an Order of the House of the 14th March, 1921, for a Return showing:— 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Stanstead. 2. Average price paid for the said farms 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented, April 5, 1921. Mr. Tobin. ..... *Not printed.*

119. Return to an Order of the House of the 7th April, 1920, for a Return showing:— 1. What blue-books were published in 1919. 2. What public documents were published in both languages in 1919. 3. What public documents were published in one language only, and in what language they were published. Presented April 5, 1921. Mr. Demers ..... *Not printed.*

120. Return to an Order of the House of the 23rd March, 1921, for a Return showing:— 1. The number of cars, locomotives and rolling stock generally, ordered by the Government during the calendar years 1918, 1919 and 1920. 2. The value of these orders. 3. From whom this equipment was purchased, and the value of each contract. Presented April 5, 1921. Mr. Wright .....*Not printed.*

121. Copy of correspondence between the Government of Canada and the Grand Trunk Railway Company relative to the question of the extension of time for Arbitration proceedings, and matters incident thereto, to date of April 3, 1921. Presented by Hon. Mr. Meighen, April 6, 1921. ..... *Not printed.*

121*a*. Subsequent Correspondence between the Government of Canada and the Grand Trunk Railway Company relating to the Arbitration proceedings, and copy of draft agreement in connection therewith. Presented by Hon. Mr. Meighen, May 21, 1921. *Not printed.*

122. Return to an Order of the House of the 14th March 1921, for a Return showing:— 1. Total number of pounds of butter exported outside of Canada, year by year, since 1910. 2. Value, year by year, of the exportation since 1910. 3. Total number of pounds of cheese exported outside of Canada, year by year, since 1910. 4. Value, year by year, of such exportation since 1910. 5. To what countries our cheese and butter were exported, year by year, during said years, specifying the amount and value of each. 6. Quantities of butter imported from various countries since 1910. 7. From what countries and what amount from each of them. 8. Quantities of cheese imported from the various countries since 1910. 9. From what countries and what amount from each of them. 10. Under what brands or names our cheese and butter are sold abroad. 11. Brands or names of butter and cheese we import from abroad. 12. Quantity in pounds of margarine and its value in cash, or any other substitute to butter, manufactured in the country since 1916, year by year. 13. Quantity in pounds and value of such substitutes imported into Canada, year by year, since 1916. 14. Whether the inobservance of the law regarding the process of manufacture and the sale of such substitutes, produced in Canada or purchased abroad, has been the object of several actions. 15. If so, the number of same. Presented, April 6, 1921. Mr. Boyer. ..... *Not printed.*

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123. Return to an Order of the House of the 4th March, 1921, for a Return showing:— 1. Number of bonded liquor warehouse licenses granted to the Province of Alberta by the present Government since 1917. 2. To whom such licenses were granted. 3. On whose recommendation. Presented April 6, 1921. Mr. Mackie (Edmonton). *Not printed.*

124. Return to an Order of the House of the 7th March, 1921, for a Return showing:— 1. Number of bushels of Canadian grain carried from Winnipeg eastwards during 1919 and 1920. 2. Quantity of Canadian grown grain exported abroad and shipped through Canadian ports, from what ports and what quantity in each case, during 1919 and 1920. 3. Quantity of Canadian grown grain exported through American ports during 1919 and 1920, from what ports and what quantity through each port. 4. Quantity of Canadian grown grain carried from the West to the East during 1919 and 1920—(*a*)by the C.P.R. (*b*)by the G.T.R. (*c*) by the Government Railways. 5. Rate now prevailing on the transportation of grain in Canada (*a*) on the Government Railways, (*b*) on the various other railways. Presented April 6, 1921. Mr. Vien ..... *Not printed.*

125. Return to an Order of the House of the 22nd March, 1920, for a Return showing:— 1. What the different classes of the Grand Trunk Railway Company's Stock were quoted at in January, 1918, as regards, First Preference Stock five per cent; Second Preference Stock five per cent; Third Preference Stock four per cent; Ordinary or Common Stock: Five per cent Grand Trunk Debenture Stocks; Five per cent Great Western Debenture Stocks; Four per cent Grand Trunk Debenture Stocks; Four per cent Northern Debenture Stocks. 2. What the same stocks were quoted at in January, 1919, and January, 1920. 3. Whether any of the stock of the Grand Trunk Railway Company has been sold or changed hands since January, 1918. 4. If so, who the purchasers of it were, what the date of purchase or transfer, and the price paid. 5. Whether any member of the present Government ever held any of the stock of the Grand Trunk Railway Company, either personally or by proxy through any other person. 6. If so, the names of said members, what amount of stock was so acquired, on what date and on what terms. Presented April 7, 1921. Mr. Caldwell. *Not printed.*

126. Return to an Order of the House of the 17th March, 1921, for a Return showing:— 1. Whether suction dredge *Tornado* was employed in dredging in Courtney Bay or St. John Harbour, N.B., during the year 1920. 2. Who is the owner. 3. Where the dredge was built. 4. What date she arrived at St. John. 5. What port she sailed from. 6. What the total expenditure was to December 31, 1920, in connection with the work done by this dredge. 7. Whether certain pontoons were lost at the time that said dredge was brought to St. John. 8. If the same were recovered. 9. Where the dredge *Tornado* is now. Presented April 7, 1921. Mr. Sinclair (Antigonish and Guysboro') ..... *Not printed.*

127. Return to an Order of the House of the 30th March, 1921, for a Return showing:— 1. Amount of money expended by the Dominion Government in each Province in the Dominion, for road building purposes during the year 1920. 2. Amount of money expended by the Dominion Government, in each Province, for Technical Education under the Agricultural Instruction Act in the year 1920. 3. Amount of money expended by the Dominion Government to assist agricultural fairs held in each Province in 1920. 4. Amount of money expended by the Dominion Government in the year 1920 in the various Provinces in operating a selling organization for the purpose of disposing of live stock, etc. 5. Total amount expended by the Dominion Government in 1920 towards assisting and developing agriculture. 6. Total amount expended in the year 1911 by the Dominion Government towards assisting and developing agriculture. 7. Amount of money expended by the Dominion Government in the year 1920 in connection with the Housing Act in the respective Provinces. Presented April 8, 1921. Mr. Armstrong (Lambton)..... *Not printed*

128. Return to an Order of the House of the 14th March, 1921, for a copy of all correspondence, telegrams, and other documents, relative to the resignation of Mr. John Sheridan, Indian Superintendent for the North Shore district, in the Province of New Brunswick, in 1920. Also copy of all correspondence, telegrams and other documents relative to his reappointment to the said position. Presented April 8, 1921. Mr. Leger ..... *Not printed*

129. Return to an Order of the House of the 17th March, 1921, for a Return showing:— 1. What amounts were appropriated for the National Gallery of Canada from April 1, 1916, to April 1, 1921. 2. How these appropriations were expended. 3. Who is in charge of the National Gallery, when appointed, at what salary and present salary.

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4. How many officials are on the staff at the Gallery, their names, dates of appointment and respective salaries. 5. What officials of the Gallery staff have been drawing their salaries while the Gallery has been closed and at what work they were employed. 6. When and why the National Gallery was closed, and when it will be reopened. Presented April 11, 1921. Mr. Edwards.....*Not printed*

130. Return to an Order of the House of the 5th May, 1920, for a Return showing:—1. Totals of credits advanced by the Canadian Government to (*a*) Great Britain, (*b*) the Allied Powers, before the armistice. 2. Of these totals what proportions were used respectively for the purchase of (*a*) agricultural products; (*b*) manufactured goods. 3. Total of credits advanced by the Canadian Government to (*a*) Great Britain, (*b*) the Allied Powers, after the armistice. 4. Of these totals what proportions were used respectively for the purchase of (*a*)agricultural products; (*b*) manufactured goods. Presented April 11, 1921. Mr. Reid (Mackenzie).....*Not printed*

131. Return to an Order of the House of the 4th April, 1921, for a copy of all reports, orders, telegrams, certificates of valuation, or any other correspondence relating to or connected with the slaughter of 245 hogs, the property of one George B. Alderson, by officers of the Department of Agriculture on or about the 20th day of April, 1920, and for which compensation has been refused by the Minister. Presented April 11, 1921. Mr. Sutherland.....*Not printed*

131*a*. Copy of Report of Inspector made under the Animal Contagious Diseases Act, 1903, R.S.C. 1906, *re* slaughter of hogs owned by George Alderson, Humber Bay, Ont. Presented May 21, 1921. Mr. Sutherland.....*Not printed*

132. Copies of Orders in Council, P.C. 2010 and 2039, establishing regulations under the provisions of the Proprietary or Patent Medicine Act. Presented by Hon. Mr. Calder, April 14, 1921 .....*Not printed*

133. Return to an Order of the House of the 7th April, 1921, for a Return showing:—1. How many employees the Government has in the British Isles. 2. Number of departments maintained. 3. How many employees the Government has in the United States. 4. Number of departments maintained Presented April 13, 1921. Mr Wright.
Not printed.

134. Return to an Order of the House of the 7th March, 1921, for a Return showing:—1. In regard to the Federal Civil Service what is understood to be comprised by the words (*a*) Inside Service; (*b*)Outside Service. 2. Number of employees at present in the (*a*)Inside Service; (*b*) Outside Service. Presented April 14, 1921. Mr. Edwards .....*Not printed.*

135. Return to an Order of the House of the 7th April, 1921, for a Return showing:—1. Total number of persons in the employ of the Dominion Government, including both the inside and outside service, but not including the Canadian National Railways. 2. Number of persons in the employ of the Canadian National Railways Presented April 15, 1921. Mr. Reid (Mackenzie.).....*Not printed.*

136. Return to an humble Address of the Senate to His Excellency the Governor General, dated March 30, 1921, of:—All correspondence exchanged between the Imperial Government and the Government of Canada in connection with the representation of this country, either in the British Parliament or in any council; its participation in the administratiaon of the British Empire, its contribution to the wars of the Empire and to the establishment of a British or Canadian Navy. The Senate....*Not printed.*

137. Report of the Air Board, for the year 1920. The Senate.....*Not printed.*

138. Copy of Proceedings of the Canada-West Indies Conference, 1920. Presented by Sir George Foster, April 18, 1921.....*Not printed.*

139. Return to an Order of the House of the 6th April, 1921, for a Return showing:—1. Whether the Young Men's Christian Association associated with the Canadian Expeditionary Force in the great war submitted to the Government a statement of accounts showing all moneys received and expended by that body both by way of contribution from people in Canada and arising out of sales to Canadian troops. 2. If so, whether the Government will lay same upon the table of the House. 3. If not, whether it is the intention of the Government to procure and distribute such a statement. Presented April 18, 1921. Mr. Griesbach.....*Not printed.*

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140. Return to an Order of the House of the 9th March, 1921, for a Return showing:— 1. Number of Soldiers' Hospitals in Canada at present. 2. Number of patients in each hospital. 3. What staff each hospital carries. 4. Total expenditure on these Military Hospitals. 5. Whether any of the said hospitals have been closed recently. 6. Number of soldier patients transferred from military to general or civic hospitals throughout the country. 7. Staff maintained at Ottawa for the inspection and general direction of these Military Hospitals. 8. Names and respective salaries of the members of said staff. 9. Whether any efforts have been made to save money by having soldier patients attended by local doctors. Presented April 18, 1921. Mr. Proulx. *Not printed.*

141. Return to an Order of the House of the 4th April, 1921, for a copy of the special papers and correspondence concerning the application to the Board of Pension Commissioners of Mrs. Brunelle, widowed mother of the late Sergeant Major N. Brunelle, No. 62068, for a pension. Presented April 18, 1921. Mr. Lemieux.....*Not printed.*

142. Return to an Order of the House of the 8th March, 1921, for a copy of all correspondence in connection with the employment and resignation of M. Abel Guibeau, engineer on board the *Canadian Traveller*, in 1919, and on the *Canadian Sower* in 1919-1920. Presented April 18, 1921. Mr. Rinfret.....*Not printed.*

143. Copy of Order in Council, P.C. 1270, dated 12th April, 1921, appointing the Honourable James Duncan Hyndman, Judge of the Supreme Court of Alberta, William D. Staples, Fort William, Ont., J. H. Haslam, Regina, Sask., and Lincoln Goldie, Guelph, Ont., commissioners to inquire into and report upon the subject of handling and marketing of grain in Canada. Presented by Sir George Foster, April 19, 1921.....*Not printed*

144. Reports of Ministers of Justice, approved by the Governor in Council, upon Provincial Legislation from 1896 to date. Presented by Hon. Mr. Doherty, April 21, 1921. *Printed for distribution, in bound form.*

145. Return to an Order of the House of the 26th April, 1920, for the production of copies of all correspondence, reports and documents exchanged between the Government and those in charge of the shipyard at Sorel, or any other person, in relation to the payment of a bonus to the employees of said shipyard, and the interruption or cessation of same. Presented April 21, 1921. Mr. Cardin.....*Not printed.*

146. Return to an Order of the House of the 13th April, 1921, for a Return showing:— 1. Whether the Government operated a telegraph line in Northern British Columbia prior to the taking over of the Great North Western Telegraph Company's line in connection with the Grand Trunk Pacific Railway and Canadian Northern Railway. 2. Whether the Government is still operating both telegraph lines, namely, the old Government line and the Great North Western Telegraph line. 3. Why the Government is continuing to operate two telegraph offices in Hazelton, New Hamilton, Smithers, Telkwa and some other points along the Grand Trunk Pacific. 4. Whether the business warrants the maintaining of two separate telegraph offices in the towns mentioned. Presented April 21, 1921. Mr. Reid (Mackenzie.).....*Not printed.*

147. Return to an Order of the House of the 11th April, 1921, for a copy of telegrams, correspondence, petitions or other documents exchanged between the Government of Prince Edward Island and the Federal Government relative to the taking over and operating of the Dalton Sanatorium by the Federal Government and the handing back of the same to the Government of Prince Edward Island. Presented April 21, 1921. Mr. Sinclair (Queen's, P.E.I.).....*Not printed.*

148. Return to an Order of the House of the 21st April, 1921, for a Return showing:— 1. Number of persons per mile of railway in operation in Canada in 1896, 1911 and 1914. 2. Number of persons per mile of railway in operation in each of the nine provinces (Alberta and Saskatchewan as now bounded), giving the mileage in each of the provinces in 1896, 1911 and 1914. Presented April 21, 1921. Mr. Casgrain. *Not printed.*

149. Return to an Order of the House of the 21st April, 1921, for a Return showing:— Names, occupation and residence of the persons who have applied for the position of superintendent of the Government shipyards at Sorel. Presented April 21, 1921. Mr. Cardin .....*Not printed.*

150. Copies of Orders in Council P.C. 2483, dated 23rd October, 1920, and P.C. 2652, dated 1st November, 1920, in respect to changes in the organizataion of the Law Branch of the House. Presented by Hon. The Speaker, April 22, 1921.....*Not printed.*

151. Return to an Order of the House of the 30th March, 1921, for a statement showing the names of the examining officials of the Customs Department, Toronto, and the respective salaries of each of said officials. Presented April 25, 1921. Mr. Archambault. *Not printed.*

CONTENTS OF VOLUME 9—*Continued.*

152. Sixth Annual Report of the Board of Directors of the Canadian Northern Railway System, for the year ended December 31, 1920. Presented by Hon. Mr. Reid, April 26, 1921.....*Not printed.*

153. Return to an Order of the Senate of the 26th April, 1921, for an Order showing:—The amount actually paid or due for wages for the first 20 of the most highly paid men on the Canadian National Railways in the following classes:—(1) engineers; (2) firemen; (3) trainmen; (4) local firemen; (5) yard foremen; (6) yard helpers. Give the amount per month in each case starting from July 1, 1920, up to January 1, 1921, and the total for the six months in each case. The Senate.....*Not printed.*

154. Return to an Order of the House of the 4th April, 1921, for a copy of all correspondence between the Government and the Board of Trade and City Council and Harbour Commission of Quebec, since the session of 1917, with regard to the diversion of the Northwestern grain trade to New York, the alleged non-fulfilment by the Government of its undertakings with regard to the terminals of the Transcontinental Railway at Quebec, and of the Memorials addressed to the Prime Minister on these subjects. Presented April 27, 1921. Mr. Lavigueur.....*Not printed.*

154*a*. Supplementary Return to an Order of the House of the 4th April, 1921, for a copy of all correspondence between the Government and the Board of Trade and City Council and Harbour Commission of Quebec, since the session of 1917, with regard to the diversion of the Northwestern grain trade to New York, the alleged non-fulfilment by the Government of its undertakings with regard to the terminals of the Transcontinental Railway at Quebec, and of the Memorials addressed to the Prime Minister on these subjects. Presented May 18, 1921. Mr. Lavigueur.....*Not printed.*

155. Return to an Order of the House of the 25th April, 1921, for a Return showing the number of returned soldiers who have purchased farms through the Soldiers' Settlement Board in the County of Bonaventure, the average price paid for said farms, the number of said farms which have been abandoned and the disposition made by the Government of the said farms, the loss incurred, if any, and the names of the soldiers who have settled in the said county, showing the respective localities. Presented April 28, 1921. Mr. Marcil (Bonaventure.).....*Not printed.*

156. Return to an Order of the House of the 19th May, 1920, for a Return showing:—1. Number of persons employed in the Finance Department in Ottawa. 2. Their names and salaries. Presented April 28, 1921. Mr. Hocken.....*Not printed.*

157. Return to an Order of the House of the 11th April, 1921, for a Return showing:—1. Number of officials now employed by the Canadian National Railway system in the traffic and operating departments. 2. Number of officials employed by the Canadian Northern Railway in the traffic and operating departments prior to the Government taking over the system. 3. Number of officials employed by the Grand Trunk Pacific Railway in the traffic and operating departments prior to the Government taking over the system. 4. Number of officials employed by the Canadian Government Railways, namely, the Intercolonial and Transcontinental, in the traffic and operating departments prior to the amalgamation of the companies into the Canadian National system. 5. Total cost in connection with wrecks on the Canadian National Railway on the line between Saskatoon and Calgary for the year 1920. 6. Whether the cost of wrecks was charged up to operating expenses or to capital account. 7. Total detention expenses on the Canadian National Railway between Saskatoon and Calgary for the year 1920. 8. Why it is that certain equipment for the Canadian National Railway is charged to operation expenses in stead of capital account. 9. Total amount charged to capital account for the year 1920 in connection with Canadian National Railways. Presented April 28, 1921. Mr. Myers.....*Not printed.*

158. Copy of Order in Council P.C. 118/1361, dated 20th April, 1921, respecting the retirement of James W. Watson of the Department of the Naval Service. Presented by Hon. Mr. Ballantyne, May 3, 1921.....*Not printed.*

159. Return to an Order of the House of the 11th April, 1921, for a copy of all correspondence since January 1, 1912, between the Minister of Railways and Canals or any officer of the Department of Railways and Canals at Ottawa, and any officer of the Intercolonial Railway, and between any of such officers and Messrs. G. J. Davie and Sons, or any solicitor or agent of the firm, respecting the expropriation of land at Lévis, Quebec, for the purposes of the Intercolonial Railway. Presented May 3, 1921. Mr. Fielding.....*Not printed.*

160. Return to an Order of the House of the 18th April, 1921, for a copy of all correspondence, telegrams and other documents exchanged between the Department of Justice and the Department of the Attorney General in the province of Alberta, in regard to the vacancy in the District Court Judgeship occasioned by the transfer of Judge McNeil to the Judicial District of Calgary. Presented May 3, 1921. Mr. Shaw. *Not printed.*

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161. Return to an Order of the House of the 7th March, 1921, for a Return showing:— 1. Total number of enlistments in the Canadian Expeditionary Force (including men who enlisted under the Military Service Act) from the outbreak of the war to Armistice day. 2. Number of the said men who served in (*a*) Canada; (*b*) England, and (c) France. 3. The total number of examinations of pensioners conducted by the Board of Pension Commissioners from June, 1920, to date. 4. Number of reductions in pensions made and the total amount thereof. 5. Cost of the administration of the Board of Pension Commissioners for the whole period of the Board's existence. 6. Number of employees (a) male, and (b) female, employed by the said Board, and number of the male employees who saw service in France. 7. Number of men employed in the Department of Soldiers' Civil Re-establishment who saw service in France, and the total cost of administration of this department to date. 8. Number of men in the service of the Soldiers' Settlement Board and the Vocational Training Board, and what number of them saw service in France. Presented May 3, 1921. Mr. Gordon .....*Not printed.*

162 Report of the Royal Commission appointed under Part I of the Inquiries Act, by Order in Council of May 20, 1919, to inquire into and concerning the possibilities of the Reindeer and Musk-Ox industries in the Arctic and sub-Arctic regions of Canada. Presented by Hon. Mr. Meighen, May 4, 1921.....*Not printed.*

163. Return to an Order of the House of the 16th March, 1921, for a copy of all correspondence, documents, telegrams, reports, memoranda, tenders and contracts having reference to or in connection with the repairs of the wharf situated at St. Michel, County of Bellechasse, Quebec, from October 1, 1918, to date. Presented May 7, 1921. Mr. Fournier.....*Not printed.*

164. Return to an Address to His Excellency the Governor General of the 11th April, 1921, for a copy of all correspondence, telegrams, petitions and other documents exchanged between the Dominion Government and the Ontario Provincial Government or any Ministers of either Administration, relative to the removal of the British Embargo on Canadian cattle. Presented May 9, 1921. Mr. Smith.....*Not printed.*

165. Return to an Address to His Excellency the Governor General, of the 11th April, 1921, for a copy of all correspondence between the Chief Justice of Ontario and any Member of the Government as to the Judges' Act of the Session of 1920. Presented May 9, 1921. Mr. Lemieux.....*Not printed.*

166. Return to an Order of the House of the 2nd May, 1921, for a Return showing (*a*) the number of officials transferred from Calgary, Winnipeg, Ottawa, Halifax, or other points in Canada to Vancouver (Soldiers' Civil Re-establishment Department) since November 1, 1920. (*b*) Whether said transferees are married or single. (*c*) Number of officials in Vancouver whose services have been dispensed with since November 1, 1920 (Soldiers' Civil Re-establishment Department), also number to whom notice of retirement has been given. (*d*) Names of those transferred into Vancouver and positions to which they were assigned. Presented May 9, 1921. Mr. Stevens.
Not printed.

167. Return to an Order of the House of the 14th March, 1921, for a copy of all official correspondence between the Government of Canada or any Member thereof, and the Government of the Province of Manitoba, or any member thereof, respecting subsection 5, of clause 325 of the Consolidated Railway Act of Canada. Presented May 9, 1921. Mr. Cahill.....*Not printed.*

168. Copy of Supplementary Extradition Convention with the United States, signed at London on the 15th January, 1917. Presented by Hon. Mr. Doherty, May 11, 1921.
Not printed.

168*a*. Copy of a Convention between the United States and Great Britain, signed January 15, 1917, making the wilful desertion of wife or children in the United States and Canada an extraditable offence. Presented by Hon. Mr. Doherty, May 21, 1921.
Not printed.

169. Return to an Order of the House of the 21st March, 1921, for a copy of all correspondence, telegrams, reports, memoranda in the hands of the Minister of Public Works, Officials of the Public Works, Superintendent of Engineering Department, in and for the Province of Quebec, Mr. A. R. Decarie, and Engineering Department at Ottawa pertaining to and regarding the construction, repairs or improvements at the following named harbours: St. Ulric, Matane, Ste. Felicite, Ruisseau à Loutre, Méchins, all in Matane County, from January, 1918, to date. Presented May 12, 1921. Mr. Pelletier.....*Not printed.*

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170. Return to an Order of the House of the 4th March, 1921, for a statement showing:— 1. The amounts loaned or the credits made by the Government of Canada since the 19th April, 1920 (*a*) to Greece, (*b*) to Roumania. 2. The respective dates of these loans or credits to (*a*) Greece, (*b*) Roumania. 3. The nature of goods bought by the Government of Canada (*a*) for Greece, (*b*) for Roumania. 4. The names of corporations, firms or persons from whom these goods have been purchased, (*a*) the nature of the merchandise in each case, (*b*) the amounts paid by the Government to these corporations, firms or persons in each case and also the date of said payments. Presented May 13, 1921. Mr. Archambault.....*Not printed.*

171. Return to an Order of the Senate of the 17th May, 1921, for a Return showing:— 1. The amount of money paid each year by the Government of Canada subsequent to 1910 to, for, or in connection with: (*a*) The Intercolonial Railway (*b*) the Canadian Northern Railway, and its subsidiaries; (*c*) the Grand Trunk Pacific Railway; (*d*) the Transcontinental Railway; (*e*) the Grand Trunk Railway of Canada. 2. Apart from the above, the amount of loans to each. 3. The total amount charged to date to capital account against or in connection with the Intercolonial Railway and the Grand Trunk Pacific Railway, separately. 4. The additional amount, if any, paid by the Government to, or in connection with the Intercolonial Railway, and the Grand Trunk Pacific Railway, separately, and not charged to capital account. The Senate. *Not printed.*

172. Return to an Order of the House of the 9th May, 1921, for a copy of all correspondence between any member of the Government or any official of the Insurance Department with any member of any Provincial Government or any Provincial Superintendent of Insurance or any association of Provincial Superintendents of Insurance with respect to the resolution amending the Insurance Act standing in the Minister of Finance's name on the Order Paper or the subject matter of the resolution. Presented May 20, 1921. Mr. Lemieux.....*Not printed.*

173. Copy of correspondence in respect to an alleged invitation to the Honourable P. J. Veniot to enter the Dominion Cabinet. Presented by Hon. Mr. Meighen, May 20, 1921.

174. Return to an Order of the House of the 28th April, 1921, for a Return showing:— 1. How many automobiles the Government owns and uses in Ottawa. 2. How many chauffeurs are employed, their names and respective salaries. 3. Who the Ministers are and Deputy Ministers who use the said cars. 4. What other officials are using them and for what special purpose. 5. Whether any of said automobiles have been used on Sundays during the last fiscal year. If so, by whom. 6. Whether the Government has any garage in the city of Ottwa. 7. If so, what it cost during the last fiscal year for maintenace, wages, gasoline, repairs of all, and tires, respectively. 8. Whether the said garage was purchased by the Government. If so, from whom, at what price, and when it was purchased. Presented May 26, 1921. Mr. Lanctot. *Not printed.*

175. Return to an Order of the House of the 7th March, 1921, for a Return showing:— 1. Number of Civil Servants in the Inside Service in each Department of the Government on December 31, 1920. 2. How many days absence, exclusive of regular holidays, were recorded in each Department for the year 1920. Presented May 26, 1921. Mr. Steele .....*Not printed.*

176. Report of the Committee appointed by the Minister of Justice to advise upon the revision of the Penitentiary Regulations and the Amendment of the Penitentiary Act, February 28, 1921. Presented by Hon. Mr. Doherty, May 28, 1921...*Not printed.*

177. Copy of Draft Conventions and recommendations of the International Labour Conference, Washington, 1919, and of the International Labour Conference, Geneva, 1920. Presented by Hon. Mr. Doherty, May 28, 1921.....*Not printed.*

178. Copy of all papers, correspondence, etc., in the Department of the Naval Service in connection with the sale of H.M.C.S. "Niobe." Presented by Hon. Mr. Doherty, May 28, 1921.....*Not printed.*

179. Copy of an opinion from the Deputy Minister of Justice to the Under Secretary of State as to the date on which, under Section 109 of the Canada Temperance Act, prohibition, if the vote be favourable to, is to come into force in New Brunswick, and how that day is to be determined. Presented by Hon. Mr. Doherty, May 28, 1921. *Not printed.*

180. Copy of Order in Council, P.C. 1217, dated 9th day of April, 1921, transferring the administration of the Agricultural Fertilizers Act from the Department of Health to the Department of Agriculture. Presented by Hon. Mr. Tolmie, May 31, 1921. *Not printed.*

CONTENTS OF VOLUME 9—*Continued.*

181. Return to an Order of the House of the 21st April, 1921, for a Return showing:—1. How many secretaries, private-secretaries, assistant-private-secretaries, joint-secretaries to Ministers of the Crown have been appointed since 1911. 2. Date of each nomination. 3. Names of the nominees. 4. Salary each has been receiving. 5. By what minister each has been appointed. 6. Whether all or any of such persons are still in the employ of the Government. If so, their names, what position they are occupying and salary they are receiving. Presented June 1, 1921. Mr. Parent. *Not printed.*

182. Annual Report of the Superintendent of the Geodetic Survey of Canada for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Tolmie, June 2, 1921. *Not printed.*

183. Copy of the Joint Report of the International Boundary Commission upon the Survey and Demarcation of the Boundary between the United States and Canada, from the western terminus of the land boundary along the forty-ninth parallel on the west side of Point Roberts, through Georgia, Haro, and Juan de Fuca Straits, to the Pacific ocean, together with two identical signed joint charts, in accordance with the provisions of Article VIII of the Treaty signed at Washington, April 11, 1908. Presented by Hon. Mr. Tolmie, June 2, 1921.....*Not printed.*

184. Interim report of His Honour Julge Snider on the disposition of a quantity of publications from the Distribution Branch of the Government Printing Bureau. Presented June 3, 1921.....*Not printed.*

184*a*. Letter from Fred Cook, Esq., Chairman of the Editorial Committee on Governmental Publications, and F. C. C. Lynch, Esq., respecting Judge Snider's Report on the discarding of publications at the Government Distribution Office, with a copy of Inventory No. 1. Presented June 4, 1921.....*Not printed.*

CANADA

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY, 1919

FISHERIES STATISTICS

1919

(Prepared in collaboration with Dominion and Provincial Fisheries Departments.)

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
THOMAS MULVEY
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1920

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SESSIONAL PAPER No. 17d

CENSUS OF INDUSTRY, 1919.

FISHERIES.

Preface.

This report is issued under an arrangement for statistical co-operation between the Dominion Bureau of Statistics and the Government branches having jurisdiction with regard to fisheries throughout Canada. These branches comprise: the Dominion Fisheries Branch of the Department of Marine and Fisheries which exercises jurisdiction over the sea fisheries and over the inland fisheries of Manitoba, Saskatchewan, Alberta and Yukon Territory, and the Fisheries Branches of Ontario and Quebec which have jurisdiction over the inland fisheries of their respective provinces. The inland fisheries of the Maritime Provinces are, from a commercial standpoint, comparatively unimportant; but their statistics, as in the case of British Columbia, are collected by the officers of the Dominion Fisheries Branch. The province of British Columbia has a Fisheries Branch, but it does not engage in independent statistical work.

Under the arrangement above referred to, the statistics of the catch, and of the products marketed in a fresh state or domestically prepared, are collected by the local officers of the Fisheries Branches, checked in the Department of Marine and Fisheries, and compiled in the Dominion Bureau of Statistics. In the case of manufactured fish products, schedules in conformity with those of other sections of the Census of Industry are sent by the Bureau to the operators of canneries, fish curing establishments, etc., the fisheries officers assisting in securing an expeditious and accurate return. The grateful acknowledgments of the Bureau are tendered to the officers of the provincial Governments who co-operated in these arrangements.

R. H. COATS,
Dominion Statistician.

Dominion Bureau of Statistics,
Ottawa, November 22, 1920.

Note on the Canadian Fisheries.

Canada possesses the most extensive fisheries in the world, and the abundance, quality and variety of their products are unexcelled. The fertility of Canadian waters is indicated by the fact that the entire catch of salmon, lobsters, herring, mackerel, and sardines, nearly all the haddock, and many of the cod, hake, and pollock landed are taken within ten or twelve miles from shore.

The coast line of the Atlantic provinces from Grand Manan to Labrador, not including the lesser bays and indentations, measures over 5,000 miles, whilst the sea areas to which this forms the natural basin embrace: the Bay of Fundy, 8,000 square miles in extent: the gulf of St. Lawrence, fully ten times that size; and other ocean waters aggregating not less than 200,000 square miles, or over four-fifths of the fishing grounds of the North Atlantic. In addition there are 15,000 square miles of inshore waters, entirely controlled by the Dominion. Large as are these areas, they represent only a part of the fishing grounds of Canada. Hudson bay, with a shore 6,000 miles in length, is greater than the Mediterranean; the Pacific coast of the Dominion measures over 7,000 miles long, and is exceptionally well sheltered for fishermen; whilst throughout the interior is a series of lakes which together cover 220,000 square miles, or more than half the fresh water of the Globe, Canada's share of the great lakes of the St. Lawrence basin alone amounting to 72,700 square miles.

Of even greater importance is the abundance and general excellence of the products. The cod and the salmon have long disputed the primacy among these, though in recent years the heavy pack and the high price of lobsters have sometimes sent cod to third place.

The fisheries of the Atlantic coast may be divided into two distinct classes: the deep-sea, and the inshore or coastal fisheries. Deep-sea fishing is pursued in vessels of from 40 to 100 tons, carrying crews of from twelve to twenty men, who fish with hook and line, also in steam vessels of approximately 150 feet in length known as steam trawlers. The bait used is chiefly herring, squid and capelin, and the fish taken are principally cod, haddock, hake, pollock and halibut. The inshore or coastal fishery is carried on in small boats, usually motor driven, with crews of from two to three men, and in a class of small vessels with crews of from four to seven men. The means of capture employed by boat fishermen are gill nets and hooks and lines, both hand-lines and trawls; whilst from the shore are operated trapnets, haul seines and weirs. The commercial food fishes taken inshore are the cod, hake, haddock, pollock, halibut, herring, mackerel, alewife, shad, smelt, flounder, and sardine. The most extensive lobster fishery in the world is carried on along the whole of the eastern shore of Canada, whilst excellent oyster beds exist in many parts of the gulf of the St. Lawrence, notably off Prince Edward Island. The salmon fishery is the predominant one on the Pacific coast, but a very extensive halibut fishery is carried on in the northern waters of British Columbia, in large well-equipped steamers and vessels. The method of capture is by trawling, dories being used for setting and hauling the lines, as in the Atlantic deep-sea fishery. Herring are in great abundance on the Pacific coast, and provide a plentiful supply of bait for the halibut fishery. In the inland lake fisheries, the various means of capture in use are gill nets, pound nets, seines, and hooks and lines.

FISHERIES, 1919.

Introduction.

The main tables of the present report are arranged in three groups: I. Production in 1919; II. Agencies of Production in 1919 (1) in Primary Operations; and (2) in Fish Canning and Curing; and III, Statistics of Imports and Exports, Bounties, etc., for periods of years. The tables of the introduction summarize briefly the principal statistical data.

General Summary of Production.

The total value of sea and inland fish and fish products marketed,[1] in the year 1919 was $56,508,479 compared with a value for 1918 of $60,250,544. The value at the point of landing of the fish caught in both the sea and the inland waters in 1919 was $37,760,083.

Sea Fisheries.—For the sea fisheries, the value at the point of landing of the fish caught is given as $33,445,131 in 1919, compared with $32,478,584 in the previous year, an increase in value to the fishermen of nearly one million dollars. Salmon, cod, lobsters, halibut, haddock, mackerel and pollock show increases in quantity caught, while herring, smelts, sardines and hake and cusk show decreases. The average values at the point of landing for nearly all kinds of fish were about the same for 1919 as for 1918. For the provinces, Nova Scotia and Prince Edward Island show total increased values for caught and landed and marketed; British Columbia, an increased value for caught and landed and a decreased value for marketed; and New Brunswick and Quebec decreased values for both caught and landed and marketed.

Inland Fisheries.—The fisheries statistics of Ontario and the Prairie Provinces and of the inland waters of New Brunswick and Quebec are given for 1919 for the first time according to the two values of "caught and landed" and "marketed." Previous to that year, the value of the fisheries was shown only under the head of "marketed." For 1919 the value of the inland fisheries at point of landing was $4,314,952. The value marketed was $5,517,664, compared with a value of $6,019,005 for 1918. Ontario, Saskatchewan, Alberta, and Inland Quebec showed increased values of the fisheries marketed, while Manitoba, Inland New Brunswick and Yukon showed decreases from the preceding year. Table 1 on page vi gives the quantity caught and landed and the value marketed of the chief commercial fishes, for the years 1915 to 1919.

[1] The value marketed means in the case of fish used fresh the sum received by the shipper: in the case of canned, cured or otherwise prepared fish and fish products it means the sum received by the manufacturer, curer or packer.

Table 1. Quantity[1] and Value[2] of Chief Commercial Fishes, 1915-1919

Kinds of Fish		1915	1916	1917	1918	1919	Increase or Decrease 1919 compared with 1918 Inc.+ Dec. −
Salmon	cwt.	1,410,769	1,239,668	1,642,770	1,531,773	1,688,653	+156,880
	$	11,262,381	10,832,431	17,411,029	17,869,517	17,889,913	+20,396
Cod	cwt.	2,152,756	2,026,231	2,302,987	2,206,666	2,606,770	+400,104
	$	4,489,496	5,449,964	8,281,920	10,083,562	9,987,612	−95,950
Lobsters	cwt.	445,277	480,898	474,871	264,096	345,806	+81,710
	$	4,506,155	5,508,054	5,654,265	3,531,104	5,338,343	+1,807,239
Halibut	cwt.	226,151	142,823	140,024	207,139	243,449	+36,310
	$	2,261,776	2,263,573	2,066,635	5,490,226	5,119,842	−370,384
Herring	cwt.	1,894,774	1,751,314	1,481,708	1,973,669	1,573,986	−399,683
	$	2,906,887	3,050,421	3,693,688	4,719,561	3,347,080	−1,372,481
Haddock	cwt.	582,522	582,028	712,416	554,366	564,574	+10,208
	$	1,232,022	1,711,271	2,936,719	2,796,171	2,048,746	−747,425
Mackerel	cwt.	180,990	156,075	167,067	196,781	229,877	+33,096
	$	990,329	924,746	1,333,354	1,937,211	2,035,849	+98,638
Whitefish	cwt.	153,529	164,992	178,838	205,044	197,403	−7,641
	$	1,048,641	1,135,486	1,248,006	1,927,863	1,849,741	−78,122
Trout	cwt.	115,999	88,071	75,662	86,608	68,670	−17,938
	$	870,209	741,610	699,950	808,770	862,966	+54,196
Smelts	cwt.	67,607	68,629	73,153	87,555	75,271	−12,284
	$	632,733	847,357	1,027,555	971,206	835,195	−136,011
Sardines	bbl.	336,794	315,832	274,359	295,770	214,525	−81,245
	$	1,229,096	1,481,261	1,910,705	2,320,513	830,074	−1,490,439
Hake and cusk	cwt.	379,959	385,953	321,605	245,051	244,749	−302
	$	520,051	757,456	890,265	844,565	645,570	−198,995
Pollock	cwt.	138,801	143,306	189,908	164,502	227,963	+63,461
	$	193,788	268,756	486,195	574,832	602,264	+27,432
Pickerel	cwt.	55,722	105,428	86,425	70,088	61,727	−8,361
	$	901,183	871,719	650,632	649,180	582,744	−66,436
Pilchards	cwt.	.....	.....	1,363	72,723	65,624	−7,099
	$	.....	.....	11,810	413,853	371,871	−41,982
Pike	cwt.	69,229	73,993	79,383	60,100	58,163	−1,937
	$	347,355	404,453	429,396	403,514	327,675	−75,839
Tullibee	cwt.	55,787	58,537	64,910	74,411	49,457	−24,954
	$	165,569	301,060	333,686	324,022	268,999	−55,023
Perch	cwt.	19,218	22,773	24,707	27,886	18,547	−9,339
	$	98,119	114,656	126,723	150,608	185,257	+34,649
Clams and Quahaugs	bbl.	73,713	54,942	55,655	40,554	36,446	−4,098
	$	240,611	195,805	222,965	169,799	160,125	−9,674
Oysters	bbl.	21,386	18,361	13,632	13,916	14,565	+649
	$	147,628	147,751	109,265	123,570	153,276	+29,706
Alewives	cwt.	97,032	80,020	98,277	78,616	70,577	−8,039
	$	120,126	117,083	196,482	237,994	129,807	−108,187
Black cod	cwt.	[3]	[3]	[3]	29,966	10,527	−19,439
	$	.....	.....	.....	285,034	116,580	−168,454

[1]Caught and landed. [2]Marketed. [3]Included with cod.

Fishing Conditions and Results, 1919.

Weather conditions on the Atlantic coast were quite suitable for fishing operations during the first half of the year, with the exception of a severe storm in the last week of May, which destroyed much gear. In the second half of the year there were spells of bad weather in July, September, and October. A heavy gale early in November damaged many boats and much fishing gear, while a protracted stormy spell in December interfered much with boat fishing.

On the Pacific coast rather unfavourable weather prevailed during the first half of the year, the month of April excepted. In the first three months of the second half of the year good weather was the rule, but in the final three months this gave place to weather conditions which were again unfavourable.

Notwithstanding abnormally bad weather the fishery, taken as a whole, gave satisfactory results.

The cod fishery of Nova Scotia was good, while the lobster fishery was especially so. Mackerel fishery was also a good one and prices were high. The herring fishery, however, was not prosecuted with the usual vigour, owing to the poor demand and low prices. The quantity taken was therefore considerably smaller.

In the Bay of Fundy District of New Brunswick the catch of cod, hake and pollock was greater than that of the preceding year. Alewives and lobsters were also taken in greater quantities at good prices. Sardines were never so plentiful but the season financially was the worst ever experienced, owing to the fact that great quantities of the 1918 pack were left unsold when the 1919 season opened, with the result that most of the United States canneries to which the great bulk of our catch is sold fresh, remained closed until the season was half over.

In the Gulf, or North Coast District of New Brunswick, the cod fishery was not so successful as usual owing to stormy weather. The lobster catch, however, was greater than in the preceding year.

The lobster fishery of Prince Edward Island resulted in an increase, but the outcome of the cod fishery was not so good.

The sea-fishing results in the province of Quebec were not quite equal to those of the year before. Cod were scarce on the Gaspe coast until late in the season. Lobsters were quite as plentiful as in the preceding year. Spring herring at the Magdalen Islands appeared in their usual abundance, and sufficient quantities were taken to supply all the demands for bait and for smoking purposes.

The fisheries of Ontario showed little change financially from the preceding year. While whitefish and pike gave slight increases; and pickerel a considerable increase in quantity, the catch of trout was somewhat less and that of herring very considerably less.

The winter fishery in the lakes of Manitoba taken all over was equal to that of the preceding winter, but the summer fishery, owing to reduced prices, and low water in the Saskatchewan river and tributaries, was poor.

The quantity of fish taken from the Saskatchewan lakes was rather less over all; while some lakes produced more, others produced less, the increase or decrease in each case being due to a larger or smaller number of fishermen operating.

From the lakes of Alberta a large quantity of fish was taken as the result of increased operations in, and improved transportation facilities from lakes not previously fished to any great extent.

The total pack of salmon in the province of British Columbia fell short of that of the preceding year. The decrease is largely due to curtailment in the packing of chum salmon, the demand for which fell off considerably with the ending of the war.

Herrings were very abundant in the vicinity of Nanaimo harbour, and Barkley sound and large quantities were taken for curing, canning and for bait purposes.

The halibut fishery was successfully prosecuted from Prince Rupert, and the quantity of fish landed by Canadian and American boats was greater than in the preceding year.

Fish Caught and Marketed.

The following table shows the quantity and value of the catch and the quantity and value of the fish and fish products marketed.

Table 2.—Quantity and Value of All Fish Caught and Marketed, Canada, during the year 1919.

Kind of Fish		Sea Fisheries	
		Quantity	Value
			$
Cod, caught and landed	cwt.	**2,606,770**	**8,388,243**
Marketed—			
Used fresh	cwt.	166,530	862,746
Green-salted	cwt.	278,091	1,711,431
Smoked fillets	cwt.	13,145	179,229
Smoked	cwt.	3,374	55,048
Dried	cwt.	605,135	6,811,315
Boneless	cwt.	29,009	353,548
Canned	cases.	1,690	13,520
Liver oil, medicinal	gal.	500	775
Total value marketed		–	9,987,612
Haddock, caught and landed	cwt.	**564,574**	**1,363,147**
Marketed—			h
Used fresh	cwt.	130,211	537,889
Canned	cases	34,055	298,449
Boneless	cwt.	139	2,085
Smoked	cwt.	39,849	375,905
Green-salted	cwt.	65,444	303,233
Dried	cwt.	56,673	531,185
Total value marketed		–	2,048,746
Hake and Cusk, caught and landed	cwt.	**244,759**	**454,666**
Marketed—			
Used fresh	cwt.	21,508	68,933
Green-salted	cwt.	69,401	302,172
Smoked fillets	cwt.	3,503	49,188
Dried	cwt.	22,511	195,108
Boneless	cwt.	2,631	30,169
Total value marketed		–	645,570
Pollock, caught and landed	cwt.	**227,963**	**428,469**
Marketed—			
Used fresh	cwt.	16,494	55,808
Green-salted	cwt.	44,689	207,520
Canned	cases	160	1,280
Smoked fillets	cwt.	15	97
Dried	cwt.	40,726	336,775
Boneless	cwt.	65	784
Total value marketed		–	602,264
Whiting, caught and landed	cwt.	**50**	**205**
Marketed fresh	cwt.	53	284
Tongues and sounds, pickled or dried		1,073	10,469
Halibut, ca ght and landed	cwt.	**243,449**	**3,057,632**
Marketed—			
Used fresh	cwt.	240,728	5,114,416
Salted	cwt.	15	120
Smoked	cwt.	505	5,306
Total value marketed		–	5,119,842
Flounders, Brill, Plaice, etc., caught and landed	cwt.	**27,963**	**84,188**
Marketed fresh	cwt.	28,815	142,547
Skate, caught and landed	cwt.	**2,419**	**4,651**
Marketed fresh	cwt.	2,928	8,620
Soles, caught and landed	cwt.	**14,320**	**76,703**
Marketed fresh	cwt.	14,377	91,407
Herring, caught and landed	cwt.	**1,455,583**	**1,512,431**
Marketed—			
Used fresh	cwt.	63,765	189,323
Boneless	cwt.	2,230	39,651
Canned	cases	73,639	399,963
Smoked	cwt.	95,912	536,704
Dry-salted	cwt.	262,225	504,972
Pickled	bbl.	66,701	517,348
Used as bait	bbl.	231,286	418,136
Fertilizer	bbl.	24,120	24,912
Total value marketed		–	2,631,009

2. Quantity and Value of all Fish Caught and Marketed, Canada, during the Year 1919—*Con.*

Kind of Fish		Sea Fisheries	
		Quantity	Value
			$
Mackerel, caught and landed	cwt.	**229,877**	**1,471,224**
Marketed—			
Used fresh	cwt.	106,867	987,146
Canned	cases	1,743	12,504
Salted	bbl.	42,897	1,036,199
Total value marketed		–	2,035,849
Pilchards, caught and landed	cwt.	**65,624**	**81,321**
Marketed—			
Used fresh	cwt.	76	406
Canned	cases	63,065	370,841
Salted	bbl.	78	624
Total value marketed		–	371,871
Sardines, caught and landed	bbl.	**214,525**	**276,715**
Marketed—			
Canned	cases	119,225	593,811
Sold fresh and salted	bbl.	187,237	236,263
Total value marketed		–	830,074
Perch, caught and landed	cwt.	**2,064**	**15,850**
Marketed fresh	cwt.	2,243	19,808
Alewives, caught and landed	cwt.	**68,597**	**122,045**
Marketed—			
Used fresh	cwt.	12,681	33,960
Salted	bbl.	17,749	170,060
Smoked	cwt.	2,069	19,418
Total value marketed		–	223,438
Bass, caught and landed	cwt.	**833**	**9,499**
Marketed fresh	cwt.	823	13,450
Salmon, caught and landed	cwt.	**1,687,827**	**10,891,385**
Marketed—			
Used fresh	cwt.	460,413	3,824,158
Canned	cases	1,394,215	13,842,140
Smoked	cwt.	7,167	62,475
Dry-salted	cwt.	8,235	34,720
Mild cured	cwt.	5,882	95,559
Pickled	cwt.	842	8,468
Roe	cwt.	512	5,120
Total value marketed		–	17,872,640
Shad, caught and landed	cwt.	**1,048**	**4,930**
Marketed—			
Used fresh	cwt.	917	9,046
Salted	cwt.	44	685
Total value marketed		–	9,731
Smelts, caught and landed	cwt.	**75,241**	**616,207**
Marketed fresh	cwt.	75,653	834,835
Sturgeon, caught and landed	cwt.	**277**	**3,803**
Marketed fresh	cwt.	277	6,034
Trout, caught and landed	cwt.	**1,315**	**17,198**
Marketed fresh	cwt.	1,315	18,613
Black Cod, caught and landed	cwt.	**10,527**	**56,644**
Marketed—			
Used fresh	cwt.	7,792	67,249
Smoked	cwt.	3,573	49,331
Total value marketed		–	116,580
Red Cod, etc., caught and landed	cwt.	**6,639**	**23,402**
Marketed—			
Used fresh	cwt.	5,952	37,368
Smoked	cwt.	205	2,045
Total value marketed		–	39,413
Albacore, caught and landed	cwt.	**7,462**	**33,937**
Marketed—			
Used fresh	cwt.	7,396	41,485
Canned	cases	100	900
Total value marketed		–	42,385

2. Quantity and Value of all Fish Caught and Marketed, Canada, during the Year 1919—*Con.*

Kind of Fish.		Sea Fisheries.	
		Quantity.	Value.
			$
Caplin, caught and landed	bbl.	**24,195**	**82,230**
Marketed fresh	bbl.	24,195	82,930
Eels, caught and landed	cwt.	**2,758**	**18,383**
Marketed fresh	cwt.	2,768	23 473
Greyfish, caught and landed[1]	cwt.	**50,948**	**17,850**
Marketed dried	cwt.	9	45
Octopus, caught and landed	cwt.	**484**	**2,325**
Marketed fresh	cwt.	484	6,760
Oulachon, caught and landed	cwt.	**181**	**1,070**
Marketed fresh	cwt.	139	2,045
Squid, caught and landed	bbl.	**11,023**	**27,670**
Marketed fresh	bbl.	11,023	31,028
Sword fish, caught and landed	cwt.	**7,411**	**96,017**
Marketed fresh	cwt.	6,013	97,945
Tom Cod, caught and landed	cwt.	**11,542**	**17,856**
Marketed fresh	cwt.	11,542	34,790
Mixed fish, caught and landed (not including any kinds mentioned elsewhere)	cwt.	**1,722**	**2,467**
Marketed fresh	cwt.	1,722	2,845
Clams and Quahaugs, caught and landed	bbl.	**36,446**	**79,426**
Marketed—			
Used fresh	bbl.	22,745	74,381
Canned	cases	14,599	85,744
Total value marketed		–	160,125
Cockles, caught and landed	cwt.	**105**	**315**
Marketed fresh	cwt.	28	70
Crabs, caught and landed	cwt.	**6,428**	**30,304**
Marketed fresh	cwt.	6,446	55,102
Lobsters, caught and landed	cwt.	**345,806**	**3,307,013**
Marketed—			
In shell	cwt.	85,340	1,224,882
Canned	cases	128,759	4,095,934
Tomalley	cases	1,305	17,527
Total value marketed		–	5,338,343
Mussels, caught and landed	cwt.	**281**	**197**
Marketed fresh	cwt.	281	281
Oysters, caught and landed	bbl.	**14,565**	**136,196**
Marketed fresh	bbl.	14,565	153,276
Scallops, caught and landed	bbl.	**13,696**	**71,259**
Marketed—			
Shelled	gal.	25,319	75,463
Canned	cases	129	1,548
Total value marketed		–	77,011
Shrimps, caught and landed	cwt.	**816**	**9,384**
Marketed fresh	cwt.	767	17,528
Winkles, caught and landed	cwt.	**2,094**	**2,347**
Marketed fresh	cwt.	2,094	5,552
Fur Seals, caught and landed	no.	**70**	**999**
Skins marketed	no.	70	1,294
Hair Seals, caught and landed	no.	**6,159**	**26,386**
Skins marketed	no.	6,159	18,618
Oil	gal.	18,754	18,110
Total value marketed		–	36,728
Whales, caught and landed	no.	**432**	**511,942**
Whalebone and meal	tons	344	10,320
Whale fertilizer	tons	1,200	108,000
Whale oil	gals.	609,969	530,548
Total value marketed		–	648,868

[1]Nearly all of the greyfish is used in the production of fish oil and fertilizer.

2. Quantity and Value of all Fish Caught and Marketed, Canada, during the Year 1919—*Con.*

Kind of Fish.		Sea Fisheries. Quantity.	Value.
			$
Porpoises, caught and landed	no.	184	9,000
Skins marketed	no.	184	3,680
Porpoise oil	gal.	7,360	7,360
Total value marketed		-	11,040
Fish oil, marketed	gal.	475,047	422,372
Fish glue	gal.	360	1,230
Fish offal	tons	8,944	8,722
Fish bones	cwt.	2,523	4,628
Fish skins	cwt.	5,129	10,862
Fish fertilizer	tons	4,597	32,831
Total value Sea Fisheries—			
Caught and landed		-	33,445,131
Marketed		-	50,990,815
		Inland Fisheries	
Alewives, caught and landed	cwt.	1,980	6,480
Marketed—			
Used fresh	cwt.	555	2,775
Salted	bbl.	475	4,987
Total value marketed		-	7,762
Bass, caught and landed	cwt.	27	384
Marketed fresh	cwt.	27	410
Carp, caught and landed	cwt.	12,397	52,679
Marketed fresh	cwt.	12,397	54,236
Catfish, caught and landed	cwt.	6,380	52,255
Marketed fresh	cwt.	6,360	52,568
Eels, caught and landed	cwt.	9,562	93,524
Marketed fresh	cwt.	9,562	114,505
Goldeyes, caught and landed	cwt.	3,284	13,429
Marketed—			
Used fresh	cwt.	527	2,388
Smoked	cwt.	919	15,618
Total value marketed		-	18,006
Herring, caught and landed	cwt.	118,403	600,632
Marketed—			
used fresh	cwt.	109,811	678,846
salted	bbl.	5,727	37,225
Total value marketed			716,071
Maskinonge, caught and landed	cwt.	4	56
Marketed fresh	cwt.	4	65
Mixed Fish (greyling, bull heads, ouaniche, etc.) caught and landed	cwt.	39,435	176,343
Marketed fresh	cwt.	39,435	183,057
Mullets, caught and landed	cwt.	26,833	51,646
Marketed fresh	cwt.	26,833	59,884
Perch, caught and landed	cwt.	16,483	133,427
Marketed fresh	cwt.	16,483	165,449
Pickerel, caught and landed	cwt.	61,727	490,359
Marketed fresh	cwt.	61,727	582,744
Pike, caught and landed	cwt.	58,163	266,699
Marketed fresh	cwt.	58,163	327,675
Porpoises, caught and landed	no.	104	4,170
Marketed fresh	no.	104	6,240
Salmon, caught and landed	cwt.	826	16,938
Marketed fresh	cwt	826	17,273
Shad, caught and landed	cwt.	1,026	11,911
Marketed fresh	cwt.	1,026	15,104

2. Quantity and Value of all Fish Caught and Marketed, Canada, during the Year 1919—*Con.*

Kind of Fish.		Inland Fisheries.	
		Quantity.	Value.
			$
Pickerel, blue, caught and landed	cwt.	**23,917**	**43,502**
Marketed fresh	cwt.	23,917	167,419
Smelts, caught and landed	cwt.	**30**	**300**
Marketed fresh	cwt.	30	360
Sturgeon, caught and landed	cwt.	**3,813**	**51,048**
Marketed fresh	cwt.	3,813	58,657
Sturgeon bladders	no.	4	2
Caviar	lb.	7,084	7,084
Total value markered			65,743
Trout, caught and landed	cwt.	**67,355**	**652,555**
Marketed—			
Used fresh	cwt.	63,836	813,868
Salted	bbl.	2,345	30,485
Total value marketed			844,353
Tullibee, caught and landed	cwt.	**49,457**	**242,008**
Marketed fresh	cwt.	49,457	268,999
Whitefish, caught and landed	cwt.	**197,403**	**1,354,560**
Marketed—			
Used fresh	cwt.	196,953	1,845,854
Salted	bbl.	299	3,887
Total value marketed			1,849,741
Total value Inland Fisheries—Caught and landed		–	4,314,952
Marketed		–	5,517,664
Total value all Fisheries—Caught and landed		–	**37,760,083**
Marketed		–	**56,508,479**

Agencies of Production—Capital, Employees, etc.

Capital.

The statistics of capital are classified under two headings, (1) capital employed in the primary operations of catching and landing the fish, and (2) capital invested in fish canning and curing establishments. Under the first heading are comprised values of vessels, boats and gear; and under the second, values of land and buildings, machinery and tools, products and supplies on hand; and cash and operating accounts. The total capital invested in the fisheries of Canada in 1919 was $54,694,026, compared with $60,221,863 in 1918. In the primary operations the sea fisheries showed a capital equipment valued at $27,306,212 in 1919, compared with $26,083,473 in 1918; and the inland fisheries $4,186,940 in 1919 compared with $3,804,261 in 1918. In fish canning and curing establishments the amount of capital invested in 1919 was $23,200,874 compared with $30,334,129 for 1918, a decrease of over seven million dollars. The main items contributing to this decrease were values of land and buildings in British Columbia and of materials and supplies on hand in Quebec. The number of fish canning and curing establishments in operation in 1919 was 928, all of which, with the exception of two in Manitoba, were situated in the provinces having sea fisheries. The following table gives comparative statistics of capital for 1919 and the two preceding years.

3. Capital Equipment, 1917, 1918 and 1919.

Equipment	Primary Operations of Sea Fisheries					
	1917		1918		1919	
	Number	Value	Number	Value	Number	Value
		$		$		$
Steam trawlers	[1]	–	2	140,000	10	1,075,000
Steam fishing vessels	44	1,010,943	39	1,049,293	27	551,000
Sailing and gasoline vessels	1,358	4,143,118	1,230	4,721,200	1,191	5,243,795
Boats (sail and row)	22,780	1,011,979	19,059	1,039,972	16,874	925,755
Boats (gasoline)	13,933	4,257,521	13,990	4,963,197	15,361	5,430,046
Carrying smacks	522	327,785	841	473,080	529	575,975
Halibut dories	69	6,900	[1]	–	[1]	–
Gill nets, seines, trap and smelt nets, etc	162,271	3,891,023	149,680	4,388,587	144,605	4,306,899
Weirs	734	745,765	792	1,154,820	803	1,008,140
Halibut gear (skates)	6,828	86,440	6,600	136,700	5,485	118,450
Trawls	22,517	353,633	27,357	440,393	21,577	448,807
Hand lines	72,681	84,790	76,351	118,590	76,761	134,431
Crab traps	1,140	5,700	3,510	17,550	4,000	24,000
Salmon traps	2	10,000	–	–	–	–
Oyster plant and equipment	1	15,450	1	20,500	1	20,500
Lobster traps	1,497,179	1,871,701	1,243,415	1,527,699	1,203,571	1,744,261
Lobster cars	–	–	40	2,000	–	–
Seines, reels, and floats	–	–	77	7,200	–	–
Pile drivers	451	33,350	12	6,000	–	–
Hoisting engines	–	–	60	12,000	–	–
Fishing piers and wharves	2,808	2,357,484	2,581	2,071,407	2,773	2,031,570
Freezers and ice-houses	873	3,021,980	807	2,440,260	827	2,354,635
Whaling stations	4	170,855	[2]	–	[2]	–
Crab establishments	2	1,200	–	–	–	–
Salteries	3	12,000	[3]		[3]	–
Small fish and smoke houses	9,492	[4]215,552	8,767	1,353,025	8,092	1,312,948
Total Value	–	23,680,169	–	26,083,473	–	27,306,212

[1] Included with carrying smacks in 1918 and 1919.
[2] Included with factories in 1918 and 1919.
[3] Included with small fish and smoke houses in 1918 and 1919.
[4] Value is estimated.

Equipment	Primary Operations of Inland Fisheries					
	1917		1918		1919	
	Number	Value	Number	Value	Number	Value
		$		$		$
Steam vessels or tugs	131	742,100	146	880,395	145	898,365
Boats (sail and row)	4,564	130,841	4,020	156,677	2,675	171,212
Boats (gasoline)	890	363,223	916	426,712	995	484,107
Gill nets	–	1,456,474	–	1,082,700	–	1,119,721
Seines	–	–	613	31,649	542	35,362
Pound nets	–	–	1,359	625,914	1,205	780,245
Hoop nets	–	–	1,287	48,366	2,582	70,018
Lines	4,054	9,888	58,935	5,194	69,334	6,292
Weirs	305	44,385	976	55,737	396	47,080
Piers and wharves	273	75,269	315	102,773	316	146,350
Freezers and ice-houses	2,019	272,756	846	362,176	715	402,624
Small fish and smoke houses	–	–	140	24,555	139	24,615
Eel traps	74	198	100	200	10	30
Fish wheels	3	355	3	355	2	250
Spears	247	766	269	858	199	669
Total value	–	**3,096,255**	–	**3,804,261**	–	**4,186,940**

Fish Canning and Curing Establishments

Description	Capital Invested[1]					
	1917		1918		1919	
	Establishments	Amount	Establishments	Amount	Establishments	Amount
	No.	$	No.	$	No.	$
Lobster canneries	610	3,016,018	534	2,977,188	520	2,031,409
Sardine canneries	2		3	1,288,486	1	1,131,228
Clam and other canneries	12	697,512	14	152,275	13	
Salmon canneries	89		81	15,619,857	76	13,961,100
Whale oil factories	1	11,966,424	5	1,118,040	10	1,475,121
Fish curing establishments	268	4,686,747	302	9,178,283	308	4,602,016
Total	**982**	**20,366,701**	**939**	**30,334,129**	**928**	**23,200,874**
Total capital invested in Fisheries	–	**47,143,125**	–	**60,221,863**	–	**54,694,026**

[1] Comprises value of land, buildings, and fixtures, machinery and tools, materials in stock, fuel, cash accounts, and bills receivable.

Employees.

The total number of persons employed in the fisheries industry in 1919 was 86,160, compared with 87,070 in 1918. In the primary operations the number of persons employed in the sea fisheries increased from 58,807 in 1918 to 58,885 in 1919, and in the inland fisheries the number decreased from 9,709 in 1918 to 8,919 in 1919. The number employed in canning and curing establishments decreased from 18,554 in 1918 to 18,356 in 1919. Comparative statistics for 1917, 1918 and 1919 are given in the following table.

4. Number of Persons employed in the Fisheries Industry, 1917, 1918 and 1919

Primary Operations	Sea Fisheries.		
	1917	1918	1919
	no.	no.	no.
Men employed—			
On steam trawlers	–	34	200
On vessels	7,431	7,690	7,821
On boats	53,491	49,698	49,994
On carrying smacks	760	1,385	870
In freezers and ice-houses	4,347	[1]	[1]
Total	**66,029**	**58,807**	**58,885**

Primary Operations	Inland Fisheries		
	1917	1918	1919
	no.	no.	no.
Men employed—			
On vessels	755	944	887
On boats	9,209	7,027	5,416
In freezers and ice-houses	403	–	–
Fishing not in boats	744	1,738	2,616
Total	**11,111**	**9,709**	**8,919**

[1]For 1918 and 1919 number included under other classifications as "employed on vessels" "employed on boats," etc.

Fish Canning and Curing Establishments	1917			1918			1919		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Persons employed in—									
Lobster canneries	4,685	3,529	8,214	3,483	3,133	6,616	3,730	3,516	7,246
Sardine canneries	248	205	453	182	343	525	339	384	723
Clam and other canneries				110	144	254			
Salmon canneries				5,251	2,644	7,895	4,582	2,415	6,997
Whale oil and fish oil factories	5,395	1,596	6,991	211	1	212	377	8	385
Fish curing establishments	2,079	245	2,324	2,658	394	3,052	2,527	478	3,005
Total	**12,407**	**5,575**	**17,982**	**11,895**	**6,659**	**18,554**	**11,555**	**6,801**	**18,356**
Total persons employed in fisheries industry			**95,122**			**87,070**			**86,160**

Details of Fish Canning and Curing Establishments.

Of the 928 establishments in operation in 1919, 475 were operated by individuals, 194 by partnerships, 252 by joint stock companies and 7 by co-operative associations. The classification of establishments according to average number of employees shows that 209 establishments are in the group of those employing an average of five persons and over, and 675 in the group of those employing less than five. Forty-four establishments report that no persons were employed during 1919, the work being performed by the operators.

Employees and Wages.—The number of persons employed in canning and curing establishments in 1919 was 18,356 with salaries and wages of $4,257,811. Of the total number, 679 were employed on salaries, 12,883 on wages and 4,794 on contract or piece-work. In the canning factories in British Columbia most of the labour is furnished by contract, the contractor engaging and paying his own help and being himself paid by the factory according to the quantity of fish packed. For these workers and for the piece-workers no statistics of employment other than number so employed and amounts paid to them are available. The amounts paid to employees on salaries totalled $694,315, to employees on wages $2,749,210, and to contract and piece-workers $814,286. Table 5 gives numbers and salaries and wages of employees under the three classifications for 1917, 1918 and 1919.

5. Employees in Fish Canning and Curing Establishments in 1917, 1918 and 1919,—Number and Salaries and Wages

Year	Establishments	Employees on Salaries		Employees on Wages		Contract and Piece-workers	
			Salaries		Wages		Wages
	no.	no.	$	no.	$	no.	$
1917	982	636	668,987	12,494	2,808,277	4,852	739,766
1918	939	615	699,681	12,558	2,866,761	5,381	1,073,149
1919	928	679	694,315	12,883	2,749,210	4,794	814,286

Employees by Months.—The following table gives the number of persons employed in the factories for each month of 1919 with comparative statistics for 1917 and 1918.

6. Employees[1] in Fish Canning and Curing Establishments—Number on Pay Roll on 15th of each Month, 1917, 1918 and 1919

Month	1917			1918			1919		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
	no.	no.	no.	no.	no.	no.	no.	no.	no.
January	1,607	338	1,945	1,640	258	1,898	1,109	253	1,362
February	1,494	212	1,706	1,535	219	1,754	999	185	1,184
March	1,972	286	2,258	1,920	257	2,177	1,292	238	1,530
April	4,473	1,282	5,755	3,377	648	4,025	3,377	812	4,189
May	7,283	4,482	11,765	6,875	3,332	10,207	6,544	3,656	10,200
June	8,489	4,511	13,000	7,426	3,394	10,820	6,892	3,430	10,322
July	6,465	2,315	8,780	5,703	1,769	7,472	4,778	1,231	6,009
August	5,812	1,877	7,689	5,108	1,084	6,192	4,434	857	5,291
September	3,936	1,486	5,422	4,671	879	5,550	4,371	981	5,352
October	3,903	699	4,602	4,009	765	4,774	3,700	834	4,534
November	2,814	417	3,231	3,279	694	3,973	2,408	478	2,886
December	2,073	282	2,355	1,992	306	2,298	1,477	248	1,725

[1]Exclusive of contract and piece-workers.

Daily Wage.—In Table 7 the wage-earners in factories are classified according to the daily wage received. Comparisons cannot be made with previous years, as in 1917 and 1918 the data collected were for weekly wages. The change was made in the schedule for 1919 as it was found that on account of persons in small establishments being frequently employed for only a portion of the week, the statistics of the daily wage would determine more clearly the wage scale than would those based upon a weekly return. The following table shows the numbers employed in the different wage groups.

7. Employees in Fish Canning and Curing Establishments as Classified by Daily Wages, in 1919[1]

Daily Wage	Employees		
	Male	Female	Total
	no.	no.	no.
Under $1	241	1,325	1,566
$1 but under $2	2,182	2,572	4,754
$2 but under $3	3,221	547	3,768
$3 but under $4	1,667	70	1,737
$4 but under $5	703	19	722
$5 and over	336	–	336
Total	**8,350**	**4,533**	**12,883**

[1]Exclusive of contract and piece-workers.

Time in operation and hours worked.—Classified according to number of days in operation during the year, 352 establishments show periods of less than 60 days; 279 of from 60 to 120 days; 164 of from 120 to 180 days; 68 of from 180 to 240 days; and 65 of 240 days and over. The normal working time in 131 establishments was returned as less than eight hours; in 121 as eight hours; in 144 as nine; in 524 as ten; and in eight as over ten hours.

Fuel Used.

The value of fuel used in establishments during the year was $484,260 compared with $557,710 in 1918. The principal decreases are in bituminous coal, which dropped from $349,109 in 1918 to $240,407 in 1919; and gasoline, which dropped from $119,837 in 1918 to $105,872 in 1919. The quantities of bituminous coal used were 44,387 tons in 1918 and 25,868 in 1919; and of gasoline, 392,604 gallons in 1918 and 299,359 in 1919. More anthracite coal was used in 1919 than in 1918, and less lignite coal.

Power Employed.

In 1919 gasoline engines were the most extensively used to furnish motive power, the number being returned as 641, with total horse-power of 3,369. This is an increase over 1918 in the number of engines, but a decrease in the total power used, the returns for 1918 showing 540 engines with 3,425 horse-power. Steam engines numbered 163 with 2,954 horse-power in 1919, compared with 203 with 4,454 horse-power in 1918; and electric motors 57, with 726 horse-power in 1919, compared with 121 and 1,357 in 1918.

Miscellaneous Expenses.

The total amount expended under the head of miscellaneous (rent of offices, works and machinery, rent of power, insurance, taxes, royalties and use of patents, advertising and travelling expenses, and repairs to buildings and machinery) was $2,266,806 in 1919, compared with $2,297,304 in 1918.

Value of Materials Used.

The value of the fish used in the preparation of fish products and the fish purchased for resale fresh in 1919 was $14,345,461, and the value of salt, miscellaneous materials and containers used, $4,984,505, making a total value of materials used in establishments of $19,329,966. In 1918 the value of the fish was $16,648,265, and of the salt, other materials and containers, $4,911,160.

Products.

Value.—The product of fish canning and curing establishments in 1919 was valued at $32,172,753. Of this total, fish canned, cured or otherwise prepared was valued at $27,505,712, and fish marketed for consumption fresh at $4,667,041. To the total value of products in 1919, salmon canneries contributed $16,371,897; fish curing establishments $7,988,656; lobster canneries $5,800,317; clam, sardine and other canneries $1,303,831; and whale oil and fish oil factories $708,052. Comparative figures for 1918 and 1919 are given in the following table.

8. Value of Products of Fish Canning and Curing Establishments in 1918 and 1919

Description of Establishment.	1918			1919		
	Establishments	Fish marketed for consumption fresh	Fish canned, cured or otherwise prepared	Establishments	Fish marketed for consumption fresh	Fish canned, cured or otherwise prepared
	no.	$	$	no.	$	$
Lobster canneries	534	642,820	3,510,640	520	495,636	5,304,681
Sardine canneries	3	–	1,240,488	1		
Clam and other canneries	14	34,973	207,635	13	182,519	1,121,312
Salmon canneries	81	148,715	15,315,299	76	1,620,866	14,751,031
Whale oil and fish oil factories	5	–	1,003,759	10	–	708,052
Fish curing establishments	302	4,748,496	7,154,803	308	2,368,020	5,620,636
Totals	**939**	**5,575,004**	**28,432,624**	**928**	**4,667,041**	**27,505,712**

Classification of Establishments by Groups of Value.—Grouped according to value of output the statistics show that 360 establishments gave value of product at under $5,000; 159 at from $5,000 to under $10,000; 168 at from $10,000 to under $20,000; 109 at from $20,000 to under $50,000; and 132 at $50,000 and over. Comprising the last group are 71 salmon canneries, 38 fish-curing establishments, 18 lobster canneries, 3 whale oil and fish oil factories, and 2 sardine, clam and other canneries. In a number of the establishments classified as canneries, fish curing operations were carried on previous to and after the canning seasons. Ten of the salmon canneries, 107 of the lobster canneries and 7 of the clam canneries showed a product in 1919 of cured fish in addition to the canned product.

Review by Provinces.

The following tables (9-13) show by provinces: the total value of the fisheries; the quantity caught and landed and the value marketed of the chief commercial fishes; the quantity and value of all fish caught and landed and marketed; the quantity of sea fish taken off shore; and the capital equipment.

9. Value of Fisheries by Provinces, 1915-1919, in order of value, 1919

Province	Value of Fisheries.					
	1915	1916	1917	1918	1919	Increase or decrease, 1919 compared with 1918. Inc. + dec.–
	$	$	$	$	$	$
British Columbia	14,538,320	14,637,346	21,518,595	27,282,223	25,301,607	– 1,980,616
Nova Scotia	9,166,851	10,092,902	14,468,319	15,143,066	15,171,929	+ 28,863
New Brunswick	4,737,145	5,656,859	6,143,088	6,298,990	4,979,574	– 1,319,416
Quebec	2,076,851	2,991,624	3,414,378	4,568,773	4,258,731	– 310,042
Ontario	3,341,182	2,658,993	2,866,419	3,175,111	3,410,750	+ 235,639
Prince Edward Island	933,682	1,344,179	1,786,310	1,148,201	1,536,844	+ 388,253
Manitoba	742,925	1,390,002	1,543,288	1,830,435	1,031,117	– 799,318
Saskatchewan	165,888	231,946	320,238	447,012	475,797	+ 28,785
Alberta	94,134	144,317	184,009	318,913	333,330	+ 14,417
Yukon Territory	63,730	60,210	67,400	37,820	8,800	– 29,020
Totals	**35,860,708**	**39,208,378**	**52,312,044**	**60,250,544**	**56,508,479**	**– 3,742,06**

10. Quantity and Value of Chief Commercial Fishes by Provinces, 1915-1919

PRINCE EDWARD ISLAND.

Kind of Fish.		1915	1916	1917	1918	1919	Increase or decrease, 1919 compared with 1918. Inc. + dec. −	
Lobsters	cwt.	84,894	111,289	124,103	49,307	64,936	+	15,629
	$	627,090	967,610	1,241,456	576,154	1,070,211	+	494,057
Cod	cwt.	57,208	58,793	70,830	48,717	39,616	−	9,101
	$	117,640	146,419	260,754	202,398	150,534	−	51,864
Mackerel	cwt.	5,640	8,457	3,767	11,822	11,788	−	34
	$	35,611	43,362	22,555	99,080	76,290	−	22,790
Herring	cwt.	20,360	15,928	21,886	23,707	30,110	+	6,403
	$	21,342	20,146	37,865	35,833	67,431	+	31,598
Smelts	cwt.	4,412	5,744	6,401	6,459	8,599	+	2,140
	$	24,467	40,208	53,984	42,296	61,165	+	18,869
Hake and Cusk	cwt.	21,282	26,235	20,671	25,697	20,473	−	5,224
	$	35,373	50,817	62,803	98,475	58,583	−	39,892
Oysters	bbl.	6,206	6,431	3,038	3,375	3,392	+	17
	$	42,055	46,946	22,207	29,444	32,112	+	2,668

NOVA SCOTIA

Cod	cwt.	1,076,284	992,794	1,227,360	1,127,438	1,598,843	+	471,405
	$	2,339,541	2,642,846	4,553,534	5,712,071	6,089,265	+	377,194
Lobsters	cwt.	264,644	241,400	219,273	148,871	192,545	+	43,674
	$	2,975,675	3,210,520	3,071,171	2,221,931	2,976,477	+	754,546
Haddock	cwt.	554,046	546,729	689,667	527,060	555,433	+	28,373
	$	1,158,642	1,617,879	2,866,220	2,679,405	2,005,515	−	673,890
Mackerel	cwt.	113,516	77,317	125,725	142,754	162,907	+	20,153
	$	632,331	483,000	973,324	1,420,927	1,432,760	+	11,833
Herring	cwt.	467,699	309,805	339,876	334,674	246,577	−	88,097
	$	650,551	494,478	841,404	1,107,000	612,870	−	494,130
Halibut	cwt.	30,518	18,832	24,877	19,361	31,885	+	12,524
	$	283,676	231,941	336,820	278,136	495,311	+	217,175
Pollock	cwt.	100,636	96,011	124,448	114,194	149,402	+	35,208
	$	146,617	191,481	339,280	407,047	449,399	+	42,352
Hake and Cusk	cwt.	218,840	243,491	220,452	151,239	112,951	−	38,288
	$	324,401	540,630	658,768	510,020	347,864	−	162,156
Smelts	cwt.	4,770	5,340	7,964	6,242	8,357	+	2,115
	$	47,987	69,795	106,146	82,085	122,540	+	40,455
Salmon	cwt.	10,043	8,550	10,285	8,500	4,533	−	3,967
	$	158,405	150,561	198,947	178,047	104,996	−	73,051

NEW BRUNSWICK

Lobsters	cwt.	72,151	99,455	106,701	42,904	56,480	+	13,576
	$	755,360	1,048,940	1,095,474	491,396	886,418	+	395,022
Sardines	cwt.	336,290	315,810	274,008	295,753	214,510	−	81,243
	$	1,226,236	1,481,085	1,908,900	2,320,428	829,894	−	1,490,534
Cod	cwt.	250,913	200,560	158,995	169,564	161,005	−	8,559
	$	424,394	527,005	519,550	610,260	749,715	+	139,455
Smelts	cwt.	52,961	55,025	55,703	69,937	54,963	−	14,974
	$	529,610	715,112	834,415	801,244	611,839	−	189,405
Herring	cwt.	682,190	539,339	188,144	247,317	277,193	+	29,876
	$	577,828	728,086	406,514	544,006	517,108	−	27,398
Mackerel	cwt.	19,748	11,407	19,355	15,926	22,392	+	6,466
	$	196,076	134,398	228,417	208,119	267,606	+	59,487
Hake and Cusk	cwt.	139,237	115,727	78,959	65,428	110,145	+	44,717
	$	159,577	165,309	165,127	226,116	235,768	+	9,652

10. Quantity and Value of Chief Commercial Fishes by Provinces, 1915-1919—*Continued*

NEW BRUNSWICK—*Concluded.*

Kind of Fish.		1915	1916	1917	1918	1919	Increase or decrease, 1919 compared with 1918 Inc. + dec. −
Alewives	cwt.	74,687	62,274	83,445	68,539	57,740	− 10,799
	$	85,110	90,796	165,841	215,092	195,352	− 19,740
Salmon	cwt.	17,867	17,791	15,983	17,452	9,668	− 7,784
	$	268,005	268,744	242,950	342,911	181,316	− 161,595
Pollock	cwt.	38,165	47,295	65,460	50,308	78,561	+ 28,253
	$	47,171	77,275	146,915	167,785	152,865	− 14,920
Oysters	bbl.	12,498	8,294	6,926	7,188	7,343	+ 155
	$	74,988	58,058	41,556	56,640	73,430	+ 16,790
Clams and Quahaugs	bbl.	37,982	13,780	27,912	17,955	19,248	+ 1,293
	$	101,770	88,606	102,036	73,249	65,563	− 7,686
QUEBEC							
Cod	cwt.	732,481	710,713	758,270	816,675	759,982	− 56,693
	$	1,277,872	1,579,231	2,068,678	3,132,594	2,629,260	− 503,334
Lobsters	cwt.	23,588	28,754	24,794	23,014	31,845	+ 8,831
	$	148,030	280,984	246,164	241,623	405,237	+ 163,614
Herring	cwt.	141,358	283,440	242,760	529,577	337,139	− 192,438
	$	85,553	271,352	222,342	287,606	345,534	+ 57,928
Mackerel	cwt.	42,086	58,894	18,220	26,279	32,790	+ 6,511
	$	126,311	263,986	109,058	209,085	259,193	+ 50,108
Eels	cwt.	7,346	8,741	6,288	6,355	7,842	+ 1,487
	$	58,620	49,716	51,782	40,354	93,318	+ 52,964
Caplin	bbl.	2,187	22,784	27,769	20,515	24,195	+ 3,680
	$	1,827	22,784	41,449	29,955	82,930	+ 52,975
Salmon	cwt.	11,795	15,302	13,532	11,139	5,807	− 5,332
	$	92,453	103,693	118,794	129,386	62,921	− 66,465
Smelts	cwt.	2,931	686	1,921	2,509	2,104	− 405
	$	9,945	3,802	18,740	19,506	24,969	+ 5,463
ONTARIO.							
Whitefish	cwt.	67,100	106,872	49,498	61,587	66,404	+ 4,817
	$	623,240	526,976	474,602	599,316	861,289	+ 261,973
Trout	cwt.	106,503	60,711	62,829	79,075	62,917	− 16,158
	$	770,090	516,290	592,433	729,425	802,659	+ 73,234
Herring	cwt.	115,715	106,872	201,801	200,473	118,099	− 82,374
	$	561,905	526,976	992,909	1,002,359	694,267	− 308,092
Pickerel	cwt.	26,718	45,418	25,216	17,203	19,220	+ 2,017
	$	267,180	454,187	252,232	172,034	259,470	+ 87,436
Pickerel (blue)	cwt.	48,823	–	5,647	8,133	23,917	+ 15,784
	$	488,230	–	56,547	81,326	167,419	+ 86,093
Perch	cwt.	14,904	12,585	15,170	24,282	15,244	− 9,038
	$	74,520	62,926	75,853	121,410	152,440	+ 31,030
Pike	cwt.	25,844	14,836	15,574	13,868	19,948	+ 6,080
	$	206,752	118,690	124,590	110,945	139,636	+ 28,691
MANITOBA							
Whitefish	cwt.	44,360	50,339	52,419	71,280	57,009	− 14,271
	$	256,992	350,543	390,321	703,733	349,811	− 353,922
Pickerel	cwt.	23,134	45,298	49,728	39,506	35,802	− 3,704
	$	114,973	311,262	345,179	350,316	264,741	− 85,575

10. Quantity and Value of Chief Commercial Fishes by Provinces, 1915-1919—*Continued*

MANITOBA—*Concluded.*

Kind of fish		1915	1916	1917	1918	1919	Increase or decrease, 1919 compared with 1918. Inc. + dec. −
Tullibee	cwt.	47,562	49,185	52,646	64,343	38,920	− 25,423
	$	119,826	245,925	263,230	263,856	186,260	− 77,596
Pike	cwt.	30,228	41,289	42,013	36,445	30,905	− 5,540
	$	90,099	204,749	208,846	237,757	137,114	− 100,643
Mullets	cwt.	6,673	10,802	11,013	19,422	24,397	+ 14,975
	$	6,673	21,604	22,026	58,083	44,991	− 3,092
Goldeyes	cwt.	3,941	6,466	7,982	5,163	3,245	− 1,9
	$	7,882	31,610	39,084	29,052	17,570	− 11,482
Sturgeon	cwt.	153	1,819	2,621	1,137	789	− 348
	$	918	20,506	51,080	26,116	10,462	− 15,654
Perch	cwt.	573	8,603	8,599	810	992	+ 182
	$	2,865	43,015	42,995	7,049	10,172	+ 3,123
SASKATCHEWAN							
Whitefish	cwt.	23,936	28,551	43,301	42,508	42,642	+ 134
	$	92,420	126,758	197,920	341,849	369,220	+ 27,371
Pike	cwt.	7,535	8,736	9,697	5,128	4,112	− 1,016
	$	29,541	41,732	45,916	32,214	30,817	− 1,397
Pickerel	cwt.	3,140	4,662	5,831	2,922	3,038	+ 116
	$	15,351	24,883	28,314	22,407	26,877	+ 4,470
Mullets	cwt.	−	−	−	4,989	2,436	− 2,553
	$	−	−	−	21,405	14,893	− 6,512
Trout	cwt.	2,218	2,799	3,696	2,510	1,821	− 689
	$	9,632	14,155	18,594	20,097	17,542	− 2,555
Tullibee	wt.	1,247	813	1,124	1,301	1,455	+ 154
	$	5,029	4,725	5,699	7,804	13,572	+ 5,768
ALBERTA							
Whitefish	cwt.	17,036	21,452	29,792	29,006	30,644	+ 1,638
	$	52,479	90,472	133,573	264,597	257,664	− 6,933
Tullibee	cwt.	348	339	999	2,437	4,032	+ 1,595
	$	934	1,152	3,862	14,338	23,717	+ 9,379
Pickerel	cwt.	1,546	3,076	5,239	1,632	2,872	+ 1,240
	$	4,381	11,584	19,996	13,764	20,217	+ 6,453
Trout	cwt.	1,138	984	322	569	1,743	+ 1,174
	$	13,878	18,543	3,182	5,690	17,430	+ 11,740
BRITISH COLUMBIA							
Salmon	cwt.	1,369,394	1,196,432	1,601,520	1,493,502	1,668,353	+ 174,851
	$	10,726,818	10,343,503	16,828,783	17,207,245	17,537,166	+ 329,921
Halibut	cwt.	194,896	123,062	113,529	186,229	210,777	+ 24,548
	$	1,972,290	2,026,670	1,721,012	5,196,539	4,617,484	− 579,055
Herring	cwt.	467,452	496,030	487,241	636,921	567,868	− 69,053
	$	1,009,708	1,009,383	1,192,654	1,742,757	1,109,870	− 632,887
Pilchards	cwt.	−	−	1,363	72,723	65,624	− 7,099
	$	−	−	11,810	413,853	371,871	− 41,982
Cod	cwt.	35,870	63,371	87,532	44,272	47,324	+ 3,052
	$	300,049	554,463	879,404	426,239	368,838	− 57,401
Flounders, brill, plaice, etc	cwt.	1,009	1,862	7,821	15,163	23,878	+ 8,715
	$	5,045	14,896	75,021	145,385	130,940	− 14,445

10. Quantity and Value of Chief Commercial Fishes by Provinces, 1915-1919—*Concluded*

BRITISH COLUMBIA—*Concluded.*

Kind of fish		1915	1916	1917	1918	1919	Increase or decrease, 1919 compared with 1918. Inc. + dec.−
Black cod	cwt.	[1]	[1]	[1]	29,966	10,527	− 19,439
	$	−	−	−	285,034	116,580	− 168,454
Soles	cwt.	3,178	5,151	7,806	12,092	14,262	+ 2,170
	$	25,983	56,752	78,649	92,471	90,848	− 1,623
Crabs	cwt.	1,856	3,282	5,886	5,098	6,428	+ 1,330
	$	12,331	32,002	48,424	54,660	55,102	+ 442
Clams and quahaugs	bbl.	10,648	8,538	11,998	10,626	7,542	− 3,084
	$	78,130	63,845	84,000	48,200	47,754	− 446
Red cod	cwt.	[1]	[1]	[1]	6,183	6,639	+ 456
	$	−	−	−	43,422	39,413	− 4,009
Oysters	bbl.	1,090	1,562	1,789	1,449	2,379	+ 930
	$	20,165	28,897	32,202	26,926	38,659	+ 11,733
YUKON TERRITORY							
Salmon	cwt.	1,570	1,435	1,385	1,150	270	− 880
	$	15,700	14,350	20,775	11,500	3,250	− 8,250
Whitefish	cwt.	798	789	648	549	150	− 399
	$	19,950	19,725	19,440	16,670	1,800	− 14,870

[1]Included with cod.

11. Quantities and Values by Provinces of all Fish Caught and Marketed during the year 1919

Kinds of Fish	Sea Fisheries									
	Prince Edward Island		Nova Scotia		New Brunswick[1]		Quebec[1]		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$		$		$
Cod, caught and landed cwt.	**39,616**	**99,039**	**1598843**	**5,307,414**	**161,005**	**672,022**	**759,982**	**2,021,765**	**47,324**	**288,003**
Marketed—										
Used fresh cwt.	5,037	25,185	98,862	391,188	17,651	111,564	8,938	39,269	36,042	295,540
Green-salted cwt.	15,262	101,715	158,584	932,047	19,710	174,298	81,853	485,331	2,682	18,040
Smoked fillets cwt.	−	−	13,145	179,229	−	−	−	−	−	−
Smoked cwt.	−	−	−	−	−	−	−	−	3,374	55,048
Dried cwt.	1,766	17,687	351,442	4,239,230	35,435	449,738	216,492	2,104,660	−	−
Canned cases	−	−	1,690	13,520	−	−	−	−	−	−
Boneless cwt.	332	5,947	27,702	333,276	960	14,115	−	−	15	210
Liver oil, medicinal gal.	−	−	500	775	−	−	−	−	−	−
Total value marketed	−	150,534	−	6,089,265	−	749,715	−	2,629,260	−	368,838
Haddock, caught and landed cwt.	**2,196**	**4,445**	**555,433**	**1,334,481**	**6,105**	**22,511**	**840**	**1,680**	−	−
Marketed—										
Used fresh cwt.	618	3,440	124,064	507,189	5,529	27,260	−	−	−	−
Canned cases	−	−	34,055	298,449	−	−	−	−	−	−
Smoked cwt.	−	−	39,849	375,905	−	−	−	−	−	−
Green-salted cwt.	716	4,413	64,708	298,720	20	100	−	−	−	−
Dried cwt.	−	−	55,835	523,167	558	5,938	280	2,080	−	−
Boneless cwt.	−	−	139	2,085	−	−	−	−	−	−
Total value marketed	−	7,853	−	2,005,515	−	33,298	−	2,080	−	−
Hake and Cusk, caught and landed cwt.	**20,473**	**40,946**	**112,951**	**193,781**	**110,145**	**217,730**	**1,080**	**1,980**	**110**	**229**
Marketed—										
Used fresh cwt.	1,820	7,280	18,965	59,805	639	1,477	−	−	84	371
Green-salted cwt.	5,170	29,425	26,322	120,209	37,909	152,538	−	−	−	−
Smoked fillets cwt.	−	−	3,445	47,914	45	1,170	−	−	13	10$_4$
Dried cwt.	2,613	21,878	12,038	111,517	7,500	58,833	360	2,880	−	−
Boneless cwt.	−	−	890	8,419	1,741	21,750	−	−	−	−
Total value marketed	−	58,583	−	347,864	−	235,768	−	2,880	−	47$_5$

[1] See also Inland Fisheries.

11. Quantities and Values by Provinces of all Fish Caught and Marketed during the year 1919—*Continued*

Kinds of Fish	Sea Fisheries									
	Prince Edward Island		Nova Scotia		New Brunswick[1]		Quebec[1]		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$		$		$
Pollock, caught and landed cwt.	–	–	**149,402**	**368,557**	**78,561**	**159,912**	–	–	–	–
Marketed—										
Used fresh cwt.	–	–	10,390	43,323	6,104	12,485	–	–	–	–
Green-salted cwt.	–	–	29,664	132,026	15,025	75,494	–	–	–	–
Canned cases	–	–	160	1,280	–	–	–	–	–	–
Dried cwt.	–	–	31,593	271,889	9,133	64,886	–	–	–	–
Smoked fillets cwt.	–	–	15	97	–	–	–	–	–	–
Boneless cwt.	–	–	65	784	–	–	–	–	–	–
Total value marketed	–	–	–	449,399	–	152,865	–	–	–	–
Whiting, caught and landed cwt.	–	–	–	–	–	–	–	–	50	205
Marketed fresh cwt.	–	–	–	–	–	–	–	–	53	284
Tongues and Sounds										
Pickled or dried cwt.	132	2,640	572	3,755	190	2,284	179	1,790	–	–
Halibut, caught and landed cwt.	–	–	**31,885**	**408,645**	**198**	**4,555**	**589**	**4,654**	**210,777**	**2,639,778**
Marketed—										
Used fresh cwt.	–	–	29,775	493,584	60	1,145	567	5,782	210,326	4,613,905
Smoked cwt.	–	–	308	1,727	–	–	–	–	197	3,579
Salted cwt.	–	–	–	–	–	–	15	120	–	–
Total value marketed	–	–	–	495,311	–	1,145	–	5,902	–	4,617,484
Flounders, Brill, Plaice, etc., caught and landed cwt.	–	–	**2,138**	**3,088**	**1,697**	**3,714**	**250**	**1,063**	**23,878**	**76,323**
Marketed fresh cwt.	–	–	2,350	6,125	1,446	4,419	250	1,063	24,769	130,940
Skate, caught and landed cwt.	–	–	**1,332**	**1,414**	**70**	**210**	–	–	**1,017**	**3,027**
Marketed fresh cwt.	–	–	1,343	1,962	900	3,532	–	–	685	3,126
Soles, caught and landed cwt.	–	–	**58**	**168**	–	–	–	–	**14,262**	**76,535**
Marketed fresh cwt.	–	–	58	224	83	335	–	–	14,236	90,848
Herring, caught and landed cwt.	**30,110**	**60,220**	**246,577**	**306,825**	**277,193**	**235,620**	**333,835**	**214,106**	**567,868**	**695,660**
Marketed—										
Used fresh cwt.	1,067	3,191	25,890	66,960	8,532	24,290	1,277	2,584	26,999	92,298
Boneless cwt.	–	–	180	2,640	1,210	19,275	–	–	840	17,736
Canned cases	–	–	5,561	34,331	1,276	6,061	2,800	14,000	64,002	345,571
Smoked cwt.	–	–	11,774	88,187	63,048	293,636	11,111	73,374	9,979	81,507
Dry-salted cwt.	2,507	10,012	150	337	2,600	25,500	1,910	2,503	255,058	466,620
Pickled bbl.	956	9,560	41,904	307,123	9,280	63,290	7,765	66,883	6,796	70,492
Used as bait bbl.	11,172	44,668	32,804	113,292	41,017	67,336	129,193	157,194	17,100	35,646
Fertilizer bbl.	–	–	–	–	17,220	17,720	6,900	7,192	–	–
Total value marketed	–	67,431	–	612,870	–	517,108	–	323,730	–	1,109,870
Mackerel, caught and landed cwt.	**11,788**	**65,619**	**162,907**	**1,042,163**	**22,392**	**134,352**	**32,790**	**229,090**	–	–
Marketed—										
Used fresh cwt.	3,226	22,932	80,614	693,606	22,499	266,368	528	4,240	–	–
Canned cases	422	2,604	1,320	9,890	1	10	–	–	–	–
Salted bbl.	2,899	50,754	29,027	729,264	66	1,228	10,905	254,953	–	–
Total value marketed	–	76,290	–	1,432,760	–	267,606	–	259,193	–	–
Pilchards, caught and landed cwt.	–	–	–	–	–	–	–	–	**65,624**	**81,321**
Marketed—										
Used fresh cwt.	–	–	–	–	–	–	–	–	76	406
Canned cases	–	–	–	–	–	–	–	–	73,065	370,841
Salted bbl.	–	–	–	–	–	–	–	–	78	624
Total value marketed	–	–	–	–	–	–	–	–	–	371,87
Sardines, caught and landed bbl.	–	–	–	–	**214,510**	**276,565**	**15**	**150**	–	–
Marketed—										
Canned cases	–	–	–	–	119,225	593,811	–	–	–	–
Sold fresh and salted bbl.	–	–	–	–	187,722	236,083	15	180	–	–
Total value marketed	–	–	–	–	–	829,894	–	180	–	–

[1]See also Inland Fisheries.

11. Quantities and Values by Provinces of all Fish Caught and Marketed during the year 1919—*Continued*

Kinds of Fish	Sea Fisheries									
	Prince Edward Island		Nova Scotia		New Brunswick[1]		Quebec[1]		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$		$		$
Alewives, caught and landed cwt.	120	240	12,717	27,635	55,760	94,170	–	–	–	–
Marketed—										
Used fresh cwt.	21	63	7,712	20,468	4,948	13,429	–	–	–	–
Salted bbl.	33	231	1,172	10,954	16,544	158,875	–	–	–	–
Smoked cwt.	–	–	748	4,132	1,321	15,286	–	–	–	–
Total value marketed	–	294	–	35,554	–	187,590	–	–	–	–
Perch, caught and landed cwt.	–	–	–	–	–	–	–	–	2,244	15,850
Marketed fresh cwt.	–	–	–	–	–	–	–	–	2,243	19,808
Bass, caught and landed cwt.	–	–	39	511	731	8,772	–	–	63	216
Marketed fresh cwt.	–	–	39	611	721	12,503	–	–	63	336
Salmon, caught and landed cwt.	22	264	4,533	86,792	9,307	154,207	5,612	47,333	1668,353	10,602,789
Marketed—										
Used fresh cwt.	22	264	4,441	104,417	10,000	170,486	4,171	49,140	441,779	3,499,851
Canned cases	–	–	6	68	–	–	123	1,845	1,394,086	13,840,227
Smoked cwt.	–	–	20	511	–	–	–	–	7,147	61,964
Dry-salted cwt.	–	–	–	–	–	–	–	–	8,235	34,720
Mild cured cwt.	–	–	–	–	–	–	25	275	5,857	95,284
Pickled cwt.	–	–	–	–	–	–	842	8,468	–	–
Roe cwt.	–	–	–	–	–	–	–	–	512	5,120
Total value marketed	–	264	–	104,996	–	170,486	–	59,728	–	17,537,166
Shad, caught and landed cwt.	–	–	68	557	877	3,508	3	15	100	850
Marketed—										
Used fresh cwt.	–	–	62	584	827	8,180	3	15	25	267
Salted bbl.	–	–	2	30	17	255	–	–	25	400
Total value marketed	–	–	–	614	–	8,435	–	15	–	667
Smelts, caught and landed cwt.	8,599	51,594	8,357	92,139	54,963	440,292	2,074	19,840	1,248	12,342
Marketed fresh cwt.	8,599	61,165	8,356	122,540	55,429	611,839	2,074	24,609	1,195	14,682
Sturgeon, caught and landed cwt.	–	–	3	21	20	100	32	256	222	3,426
Marketed fresh cwt.	–	–	3	42	20	100	32	256	222	5,636
Trout, caught and landed cwt.	17	170	769	11,245	316	3,817	213	1,966	–	–
Marketed fresh cwt.	17	190	769	11,522	316	4,690	213	2,211	–	–
Black cod, caught and landed cwt.	–	–	–	–	–	–	–	–	10,527	56,644
Used fresh cwt.	–	–	–	–	–	–	–	–	7,792	67,249
Smoked cwt.	–	–	–	–	–	–	–	–	3,573	49,331
Total value marketed	–	–	–	–	–	–	–	–	–	116,580
Red Cod, etc., caught and landed cwt.	–	–	–	–	–	–	–	–	6,639	23,402
Marketed—										
Used fresh cwt.	–	–	–	–	–	–	–	–	5,952	37,368
Smoked cwt.	–	–	–	–	–	–	–	–	205	2,045
Total value marketed	–	–	–	–	–	–	–	–	–	39,413
Albacore, caught and landed cwt.	–	–	7,462	33,937	–	–	–	–	–	–
Marketed—										
Used fresh cwt.	–	–	7,396	41,485	–	–	–	–	–	–
Canned cases	–	–	100	900	–	–	–	–	–	–
Total value marketed	–	–	–	42,385	–	–	–	–	–	–
Caplin, caught and landed bbl.	–	–	–	–	–	–	24,195	82,230	–	–
Marketed fresh bbl.	–	–	–	–	–	–	24,195	82,930	–	–
Eels caught and landed cwt.	–	–	811	6,333	1,731	10,696	171	1,230	45	124
Marketed fresh cwt.	–	–	811	7,718	1,741	14,048	171	1,485	45	222
Greyfish, caught and landed[2] cwt.	–	–	28	28	–	–	–	–	50,920	17,822
Marketed, dried cwt.	–	–	9	45	–	–	–	–	–	–

[1] See also Inland Fisheries.

[2] Nearly all of the greyfish is used in the production of fish oil and fertilizer.

11. Quantities and Values by Provinces of all Fish Caught and Marketed during the year 1919—*Continued*

Kind of Fish.	Sea Fisheries									
	Prince Edward Island		Nova Scotia		New Brunswick[1]		Quebec[1]		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$		$		$
Octopus, caught and landed cwt.	–	–	–	–	–	–	–	–	**484**	**2,325**
Marketed cwt.	–	–	–	–	–	–	–	–	484	6,760
Oulachons, caught and landed cwt.	–	–	–	–	–	–	–	–	**181**	**1,070**
Marketed fresh cwt.	–	–	–	–	–	–	–	–	139	2,045
Squid, caught and landed bbl.	–	–	**3,244**	**10,647**	**290**	**1,160**	**7,489**	**15,863**	–	–
Marketed fresh bbl.	–	–	3,244	14,005	290	1,160	7,489	15,863	–	–
Swordfish, caught and landed cwt.	–	–	**6,411**	**96,017**	–	–	–	–	–	–
Marketed... fresh cwt.	–	–	6,013	97,945	–	–	–	–	–	–
Tom Cod caught and landed cwt.	**176**	**352**	**147**	**259**	**11,138**	**16,919**	–	–	**81**	**326**
Marketed fresh cwt.	176	372	147	331	11,138	33,589	–	–	81	498
Mixed Fish caught and landed cwt. (Not including any kinds mentioned elsewhere).	–	–	**437**	**237**	**850**	**1,360**	435	870	–	–
Marketed fresh cwt.	–	–	437	275	850	1,700	435	870	–	–
Clams and Quahaugs caught and landed... bbl.	**550**	**947**	**6,241**	**14,833**	**19,248**	**31,916**	**2,865**	**15,517**	**7,542**	**16,213**
Marketed—										
Used fresh bbl.	330	600	4,382	15,404	14,496	34,236	2,865	17,467	672	6,674
Canned cases	220	1,288	1,947	12,049	5,577	31,327	–	–	6,855	41,080
Total value marketed	–	1,888	–	27,453	–	65,563	–	17,467	–	47,754
Cockles caught and landed cwt.	–	–	–	–	**105**	**315**	–	–	–	–
Marketed fresh cwt.	–	–	–	–	28	70	–	–	–	–
Crabs, caught and landed cwt.	–	–	–	–	–	–	–	–	**6,428**	**30,304**
Marketed fresh cwt.	–	–	–	–	–	–	–	–	6,446	55,102
Lobsters caught and landed cwt.	**64,936**	**519,488**	**192,545**	**2,080,037**	**56,480**	**413,382**	**31,845**	**294,106**	–	–
Marketed—										
In shell cwt.	20	340	65,593	946,617	19,533	275,685	194	2,240	–	–
Canned cases	31,911	1,069,481	61,714	2,019,211	19,241	607,425	15,893	399,817	–	–
Tomalley cases	20	390	858	10,649	182	3,308	245	3,180	–	–
Total value marketed	–	1,070,211	–	2,976,477	–	886,418	–	405,237	–	–
Mussels, caught and landed cwt.	–	–	281	**197**	–	–	–	–	–	–
Marketed fresh cwt.	–	–	281	281	–	–	–	–	–	–
Oysters caught and landed bbl.	**3,392**	**31,160**	**1,451**	**7,633**	**7,343**	**58,744**	–	–	**2,379**	**38,659**
Marketed fresh bbl.	3,392	32,112	1,451	9,075	7,343	73,430	–	–	2,379	38,659
Scallops, caught and landed bbl.	–	–	**13,676**	**71,159**	**20**	**100**	–	–	–	–
Marketed—										
Shelled gal.	–	–	25,279	75,313	40	150	–	–	–	–
Canned cases	–	–	129	1,548	–	–	–	–	–	–
Total value marketed	–	–	–	76,861	–	150	–	–	–	–
Shrimps, caught and landed cwt.	–	–	–	–	–	–	–	–	**816**	**9,384**
Marketed fresh cwt.	–	–	–	–	–	–	–	–	767	17,528
Winkles, caught and landed cwt.	–	–	**2,074**	**2,302**	**20**	**45**	–	–	–	–
Marketed fresh cwt.	–	–	2,074	5,507	20	45	–	–	–	–

[1] See also Inland Fisheries.

11. Quantities and Values by Provinces of all Fish Caught and Marketed during the year 1919—*Concluded*

Kinds of Fish	Sea Fisheries									
	Prince Edward Island		Nova Scotia		New Brunswick[1]		Quebec[1]		British Columbia	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$		$		$
Fur Seals, caught and landed no.	–	–	–	–	–	–	–	–	**70**	**999**
Skins no.	–	–	–	–	–	–	–	–	70	1,294
Hair Seals, caught and landed no.	–	–	**1,393**	**2,664**	–	–	**4,766**	**23,722**	–	–
Marketed—										
Skins no.	–	–	1,393	2,691	–	–	4,766	15,927	–	–
Oil gal.	–	–	4,539	4,430	–	–	14,215	13,680	–	–
Total value marketed	–	–	–	7,121	–	–	–	29,607	–	–
Whales, caught and landed no.	–	–	–	–	–	–	–	–	**432**	**511,942**
Marketed—										
Bone and meal tons	–	–	–	–	–	–	–	–	344	10,320
Fertilizer tons	–	–	–	–	–	–	–	–	1,200	108,000
Oil gal.	–	–	–	–	–	–	–	–	609,969	530,548
Total value marketed	–	–	–	–	–	–	–	–	–	648,868
Porpoises, caught and landed no.	–	–	–	–	–	–	**184**	**9,000**	–	–
Marketed..										
Skins no.	–	–	–	–	–	–	184	3,680	–	–
Oil gal.	–	–	–	–	–	–	7,360	7,360	–	–
Total value marketed	–	–	–	–	–	–	–	11,040	–	–
Fish oil gal.	8,462	6,882	186,702	163,846	78,559	71,301	146,370	145,246	54,954	35,097
Fish glue gal.	–	–	360	1,230	–	–	–	–	–	–
Fish offal tons	–	–	8,474	7,942	170	330	–	–	300	450
Fish bones cwt.	–	–	1,966	4,233	557	395	–	–	–	–
Fish skins cwt.	103	135	2,977	8,270	949	1,208	1,100	1,249	–	–
Fish scrap and fertilizer.. tons	–	–	–	–	3,050	13,525	–	–	1,547	19,306
Total value Sea Fisheries—										
Caught and landed	–	**874,484**	–	**11,411,719**	–	**2,966,724**	–	**2,986,436**	–	**15,205,768**
Marketed	–	**1,536,844**	–	**15,171,989**	–	**4,956,544**	–	**4,023,891**	–	**25,056,265**

[1] See also Inland Fisheries.

11. Quantities and Values by Provinces of all Fish Caught and Marketed during the year 1919—*Continued*

Kind of Fish		Inland Fisheries					
		New Brunswick[1]		Quebec[1]		Ontario	
		Quantity	Value	Quantity	Value	Quantity	Value
			$		$		$
Alewives, caught and landed	cwt.	1,980	6,480	–	–	–	–
Marketed—							
Fresh	cwt.	555	2,775	–	–	–	–
Salted	bbl.	475	4,987	–	–	–	–
Total value marketed		–	7,762	–	–	–	–
Bass, caught and landed	cwt.	16	272	11	112	–	–
Marketed fresh	cwt.	16	272	11	138	–	–
Carp, caught and landed	cwt.	–	–	877	6,599	11,520	46,080
Marketed fresh	cwt.	–	–	877	8,156	11,520	46,080
Catfish, caught and landed	cwt.	–	–	374	3,887	5,549	44,392
Marketed fresh	cwt.	–	–	374	4,200	5,549	44,392
Eels, caught and landed	cwt.	10	100	7,671	74,614	1,881	18,810
Marketed fresh	cwt.	10	100	7,671	91,833	1,881	22,572
Herring, caught and landed	cwt.	–	–	3,304	10,137	118,099	590,495
Marketed—							
Fresh	cwt.	–	–	3,304	21,804	109,507	657,042
Salted	bbl.	–	–	–	–	5,727	37,225
Total value marketed		–	–	–	21,804	–	694,267
Maskinonge, caught and landed	cwt.	–	–	4	56	–	–
Marketed fresh	cwt.	–	–	4	65	–	–
Mixed fish, caught and landed	cwt.	85	127	4,290	36,186	33,578	134,312
Marketed fresh	cwt.	85	127	4,290	42,900	33,578	134,312
Perch, caught and landed	cwt.	–	–	234	2,450	15,244	121,952
Marketed fresh	cwt.	–	–	234	2,700	15,244	152,440
Pickerel, caught and landed	cwt.	162	1,944	633	9,158	19,220	192,200
Marketed fresh	cwt.	162	1,944	633	9,495	19,220	259,470
Pickerel (blue) caught and landed	cwt.	–	–	–	–	23,917	143,502
Marketed fresh	cwt.	–	–	–	–	23,917	167,419
Pike, caught and landed	cwt.	–	–	450	5,379	19,948	99,740
Marketed fresh	cwt.	–	–	450	5,870	19,948	139,636
Porpoises, caught and landed	no.	–	–	104	4,170	–	–
Marketed	no.	–	–	104	6,240	–	–
Salmon, caught and landed	cwt.	361	10,830	195	2,915	–	–
Marketed fresh	cwt.	361	10,830	195	3,193	–	–
Shad, caught and landed	cwt.	–	–	1,026	11,911	–	–
Marketed fresh	cwt.	–	–	1,026	15,104	–	–
Smelts, caught and landed	cwt.	–	–	30	300	–	–
Marketed fresh	cwt.	–	–	30	360	–	–
Sturgeon, caught and landed	cwt.	70	1,470	646	11,542	2,247	26,964
Marketed—							
Fresh	cwt.	70	1,470	646	12,288	2,247	33,705
Bladders	no.	–	–	–	–	4	2
Caviar	lb.	25	25	2	2	7,057	7,057
Total value marketed		–	1,495	–	12,290	–	40,764
Trout, caught and landed	cwt.	–	–	69	716	62,917	629,170
Marketed—							
Fresh	cwt.	–	–	69	1,035	59,398	772,174
Salted	bbl.	–	–	–	–	2,345	30,485
Total value marketed		–	–	–	1,035	–	802,659
Tullibee, caught and landed	cwt.	–	–	–	–	5,050	30,300
Marketed fresh	cwt.	–	–	–	–	5,050	45,450
Whitefish, caught and landed	cwt.	25	500	529	8,157	66,404	664,040
Marketed—							
Fresh	cwt.	25	500	529	9,457	65,954	857,402
Salted	bbl.	–	–	–	–	299	3,887
Total value marketed		–	500	–	9,457	–	861,289
Total value Inland Fisheries—							
Caught and landed		–	**21,723**	–	**188,289**	–	**2,741,957**
Marketed		–	**23,030**	–	**234,840**	–	**3,410,750**

See also Sea Fisheries.

11. Quantities and Values by Provinces of all Fish Caught and Marketed during the year 1919—*Concluded*

Kind of Fish	Inland Fisheries							
	Manitoba		Saskatchewan		Alberta		Yukon	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$		$
Catfish, caught and landed..... cwt.	437	3,976	–	–	–	–	–	–
Marketed fresh..... cwt.	437	3,976	–	–	–	–	–	–
Goldeyes, caught and landed..... cwt.	3,245	13,071	31	310	8	48	–	–
Marketed—								
Fresh..... cwt.	488	1,952	31	372	8	64	–	–
Smoked..... cwt.	919	15,618	–	–	–	–	–	–
Total value marketed.....	–	17,570	–	372	–	64	–	–
Mixed fish, caught and landed..... cwt.	83	333	1,249	1,635	-		150	3,750
Marketed fresh..... cwt.	83	333	1,249	1,635	–	–	150	3,750
Mullets, caught and landed..... cwt.	24,397	44,374	2,436	7,272	-	–	–	–
Marketed fresh..... cwt.	24,397	44,991	2,436	14,983	–	–	–	–
Perch, caught and landed..... cwt.	992	8,944	13	81	–	–	–	–
Marketed fresh..... cwt.	992	10,172	13	137	–	–	–	–
Pickerel, caught and landed..... cwt.	35,802	259,537	3,038	15,857	2,872	11,663	–	D –
Marketed fresh..... cwt.	35,802	264,741	3,038	26,877	2,872	20,217	–	–
Pike, caught and landed..... cwt.	30,905	136,189	4,112	16,330	2,748	9,061	–	–
Marketed fresh..... cwt.	30,905	137,114	4,112	30,817	2,748	14,238	–	–
Salmon, caught and landed..... cwt.	–	–	–	–	–	–	270	3,240
Marketed fresh..... cwt.	–	–	–	–	–	–	270	3,250
Sturgeon, caught and landed..... cwt.	789	10,462	61	610	–	–	–	–
Marketed fresh..... cwt.	789	10,462	61	732	–	–	–	–
Trout, caught and landed..... cwt.	805	5,687	1,821	10,795	1,743	6,187	–	–
Marketed fresh..... cwt.	805	5,687	1,821	17,542	1,743	17,430	–	–
Tullibee, caught and landed..... cwt.	38,920	184,792	1,455	11,472	4,032	15,444	–	–
Marketed fresh..... cwt.	38,920	186,260	1,455	13,572	4,032	23,717	–	–
Whitefish, caught and landed..... cwt.	57,009	344,531	42,642	206,904	30,644	128,628	150	1,800
Marketed fresh..... cwt.	57,009	349,811	42,642	369,220	30,644	257,664	150	1,800
Total value Inland Fisheries.....—								
Caught and landed.....	–	**1,011,896**	–	**271,266**	–	**171,031**	–	**8,790**
Marketed.....	–	**1,031,117**	–	**475,797**	–	**333,330**	–	**8,800**

12. Proportion of Catch of Sea Fish taken Offshore (by steam trawlers and vessels fishing on offshore grounds, remaining out more than two days)

	—	Cod		Haddock		Hake and Cusk	
		Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore
		cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Canada—Totals	**2,606,770**	**1,112,110**	**564,574**	**191,273**	**244,759**	**41,745**
	Prince Edward Island—Totals	**39,616**	**1,700**	**2,196**	–	**20,473**	–
1	Kings	12,510	–	2,090	–	16,574	–
2	Queens	18,979	–	106	–	730	–
3	Prince	8,127	1,700	–	–	3,169	–
	Nova Scotia—Totals	**1,598,843**	**970,306**	**555,433**	**189,670**	**112,951**	**28,488**
1	Richmond	57,232	26,000	31,953	250	115	25
2	Cape Breton	45,767	–	7,137	–	–	–
3	Victoria	96,720	–	87,176	–	100	–
4	Inverness	94,124	12,171	58,056	17,724	3,875	200
5	Cumberland	112	–	–	–	–	–
6	Colchester	455	–	–	–	–	–
7	Pictou	474	–	15	–	271	–
8	Antigonish	1,647	–	656	–	2,227	–
9	Guysboro	124,751	20,500	104,250	27,000	2,595	1,000
10	Halifax	80,937	4,672	58,997	21,600	5,360	450
11	Hants	–	–	–	–	–	–
12	Lunenburg	870,672	815,172	94,345	92,645	1,545	–
13	Queens	25,091	10,000	12,594	5,000	905	700
14	Shelburne	75,473	12,000	36,372	–	18,876	6,000
15	Yarmouth	73,211	66,204	20,980	18,578	14,422	14,422
16	Digby	43,897	3,587	35,405	6,873	56,283	5,691
17	Annapolis	6,281	–	7,347	–	6,197	–
18	Kings	1,999	–	150	–	180	–
	New Brunswick—Totals	**161,005**	**122,337**	**6,105**	**1,603**	**110,145**	**13,257**
1	Charlotte	18,398	–	4,402	–	85,698	–
2	St. John	142	–	–	–	11,010	–
3	Albert	4	–	–	–	–	–
4	Westmorland	587	–	–	–	130	–
5	Kent	3,995	3,795	49	49	11,130	11,130
6	Northumberland	2,939	1,998	–	–	30	30
7	Gloucester	134,215	116,544	1,554	1,554	2,097	2,097
8	Restigouche	725	–	100	–	50	–
	Quebec—Totals	**759,982**	–	**840**	–	**1,080**	–
1	Bonaventure	23,325	–	840	–	1,080	–
2	Gaspe	356,657	–	–	–	–	–
3	Magdalen Islands	67,813	–	–	–	–	–
4	Saguenay	284,447	–	–	–	–	–
5	Rimouski	27,740	–	–	–	–	–
	British Columbia—Totals	**47,324**	**17,767**	–	–	**110**	–
1	District I	28,568	14,116	–	–	30	–
2	District II	3,651	3,651	–	–	–	–
3	District III	15,105	–	–	–	80	–

		Soles		Herring		Mackerel	
	Canada—Totals	**14,320**	**2,894**	**1,455,583**	**12,915**	**229,877**	**19,603**
	Prince Edward Island—Totals	–	–	**30,110**	–	**11,788**	–
1	Kings	–	–	7,320	–	3,200	–
2	Queens	–	–	3,815	–	3,479	–
3	Prince	–	–	18,975	–	5,109	–
	Nova Scotia—Totals	**58**	**37**	**246,577**	**944**	**162,907**	**3,603**
1	Richmond	–	–	8,008	–	10,944	–
2	Cape Breton	–	–	12,147	–	9,116	–
3	Victoria	–	–	8,093	–	3,943	–
4	Inverness	–	–	16,163	944	30,359	3,603
5	Cumberland	–	–	7,635	–	–	–
6	Colchester	–	–	97	–	–	–
7	Pictou	–	–	2,054	–	21	–
8	Antigonish	–	–	5,278	–	410	–
9	Guysboro	6	3	13,558	–	18,452	–
10	Halifax	52	34	77,397	–	40,996	–
11	Hants	–	–	–	–	–	–
12	Lunenburg	–	–	24,986	–	9,105	–
13	Queens	–	–	15,672	–	4,679	–
14	Shelburne	–	–	21,699	–	13,478	–
15	Yarmouth	–	–	12,076	–	14,217	–
16	Digby	–	–	13,396	–	3,564	–
17	Annapolis	–	–	5,374	–	1,824	–
18	Kings	–	–	2,944	–	1,799	–

12. Proportion of Catch of Sea Fish taken Offshore (by steam trawlers and vessels fishing on offshore grounds, remaining out more than two days)

Pollock		Whiting		Halibut		Flounders, Brill, Plaice, etc.		Skate		
Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
227,963	**32,107**	**50**	**4**	**243,449**	**222,591**	**27,963**	**23,557**	**2,419**	**689**	
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
149,402	**32,107**	**10**	–	**31,885**	**18,048**	**2,138**	**998**	**1,332**	**320**	
2,491	20	–	–	160	25	223	–	213	–	1
5,975	–	–	–	1,632	–	–	–	–	–	2
1,116	–	–	–	179	–	–	–	47	–	3
2,780	–	–	–	1,489	1,414	148	148	–	–	4
409	–	–	–	3	–	22	–	–	–	5
–	–	–	–	15	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
8,144	3,500	–	–	7,327	5,000	10	–	62	–	9
29,235	21,000	–	–	3,725	1,054	1,530	850	995	320	10
–	–	–	–	–	–	–	–	–	–	11
2,400	–	–	–	1,918	–	–	–	–	–	12
14,557	–	–	–	1,077	800	50	–	15	–	13
25,238	2,000	–	–	1,964	400	–	–	–	–	14
9,780	5,496	10	–	8,955	8,955	–	–	–	–	15
43,956	91	–	–	3,216	290	155	–	–	–	16
1,240	–	–	–	187	110	–	–	–	–	17
2,081	–	–	–	38	–	–	–	–	–	18
78,561	–	–	–	**198**	**6**	**1,697**	–	**70**	–	
78,561	–	–	–	162	–	320	–	70	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	260	–	–	–	4
–	–	–	–	6	6	320	–	–	–	5
–	–	–	–	–	–	197	–	–	–	6
–	–	–	–	30	–	–	–	–	–	7
–	–	–	–	–	–	600	–	–	–	8
–	–	–	–	**589**	–	**250**	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	70	–	250	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	315	–	–	–	–	–	4
–	–	–	–	204	–	–	–	–	–	5
–	–	**50**	**4**	**210,777**	**204,537**	**23,878**	**22,559**	**1,017**	**369**	
–	–	43	–	28,931	25,173	642	–	459	–	1
–	–	4	4	178,846	178,846	22,559	22,559	369	369	2
–	–	3	–	3,000	518	677	–	189	–	3

Whales		Black Cod		Red Cod		Swordfish		Hair Seals		
432	**266**	**10,527**	**4,677**	**6,639**	**465**	**7,411**	**80**	**6,159**	**1,015**	
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	**7,411**	**80**	**1,393**	**1,015**	
–	–	–	–	–	–	981	–	261	–	1
–	–	–	–	–	–	2,607	–	1,015	1,015	2
–	–	–	–	–	–	174	–	27	–	3
–	–	–	–	–	–	141	–	–	–	4
–	–	–	–	–	–	–	–	90	–	5
–	–	–	–	–	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
–	–	–	–	–	–	3,186	–	–	–	9
–	–	–	–	–	–	132	–	–	–	10
–	–	–	–	–	–	–	–	–	–	11
–	–	–	–	–	–	–	–	–	–	12
–	–	–	–	–	–	110	–	–	–	3
	–	–	–	–	–	65	65	–	–	14
	–	–	–	–	–	15	15	–	–	15
–	–	–	–	–	–	–	–	–	–	16
–	–	–	–	–	–	–	–	–	–	17
–	–	–	–	–	–	–	–	–	–	18

12. Proportion of Catch of Sea Fish taken Offshore (by steam trawlers and vessels fishing on offshore grounds, remaining out more than two days)—*Concluded*

	Soles		Herring		Mackered	
	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore
	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
New Brunswick—Totals	–	–	**277,193**	**11,971**	**22,392**	**16,000**
1 Charlotte	–	–	100,056	–	–	–
2 St. John	–	–	–	–	–	–
3 Albert	–	–	10	–	–	–
4 Westmorland	–	–	107,100	–	440	–
5 Kent	–	–	13,851	11,851	9,985	9,970
6 Northumberland	–	–	16,164	120	1,876	–
7 Gloucester	–	–	37,727	–	10,016	6,030
8 Restigouche	–	–	2,285	–	75	–
Quebec—Totals	–	–	**333,835**	–	**32,790**	–
1 Bonaventure	–	–	13,430	–	520	–
2 Gaspé	–	–	48,704	–	675	–
3 Magdalen Islands	–	–	265,570	–	31,542	–
4 Saguenay	–	–	3,083	–	53	–
5 Rimouski	–	–	3,048	–	–	–
British Columbia—Totals	**14,262**	**2,857**	**567,868**	–	–	–
1 District I	11,023	–	60,112	–	–	–
2 District II	2,857	2,857	23,161	–	–	–
3 District III	382	–	484,595	–	–	–

13. Summary by Provinces of Capital Equipment

In Primary Operations	Prince Edward Island		Nova Scotia	
	No.	Value	No.	Value
		$		$
Steam trawlers	–	–	7	885,000
Steam vessels	–	–	6	24,000
Sailing and gasoline vessels, 40 tons and over	–	–	137	2,548,400
Sailing and gasoline vessels, 20 to 40 tons	5	5,500	69	183,220
Sailing and gasoline vessels, 10 to 20 tons	8	7,000	318	249,425
Sail and row boats	167	5,990	7,099	272,164
Gasoline boats	1,674	219,080	5,382	1,297,892
Carrying smacks	11	2,550	204	114,615
Gill nets, seines, trap nets, etc	6,000	157,500	68,068	968,988
Weirs	–	–	168	49,790
Trawls	1,370	64,800	18,562	310,642
Pound nets	–	–	–	–
Hoop nets	–	–	–	–
Hand lines	1,940	2,910	32,734	34,480
Lobster traps	287,501	431,251	631,773	889,202
Eel traps	–	–	–	–
Fishing piers and wharves	29	68,000	2,012	1,103,370
Freezers and ice houses	7	14,500	385	716,375
Small fish and smoke houses	474	23,650	4,907	495,548
Total value	–	**1,002,731**	–	**10,143,111**
In Fish Canning and Curing	Establishments	Capital	Establishments	Capital
	No.	$	No.	$
Lobster canneries	183[1]	411,386[1]	134	958,167
Sardine canneries	–	–	–	–
Clam and other canneries	–	–	–	375,089
Salmon canneries	–	–	–	–
Whale oil and fish oil factories	–	–	–	–
Fish curing establishments	12	144,424	124[2]	2,495,261[2]
Totals	**195**	**525,810**	**264**	**3,828,517**
Total Capital	–	**1,528,541**	–	**13,971,628**

[1] Includes 1 clam cannery. [2] Includes 1 fish oil factory.

12. Proportion of Catch of Sea Fish taken Offshore (by steam trawlers and vessels fishing on offshore grounds, remaining out more than two days)—*Concluded*

Whales		Black Cod		Red Cod		Swordfish		Hair Seals		
Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	Total quantity caught	Proportion taken offshore	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	–	–	5
–	–	–	–	–	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
–	–	–	–	–	–	–	–	4,766	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	15	–	2
–	–	–	–	–	–	–	–	1,964	–	3
–	–	–	–	–	–	–	–	2,733	–	4
–	–	–	–	–	–	–	–	54	–	5
432	266	10,527	4,677	6,639	465	–	–	–	–	
–	–	5,850	–	1,959	–	–	–	–	–	1
266	266	3,967	3,967	465	465	–	–	–	–	2
166	–	710	710	4,215	–	–	–	–	–	3

13. Summary by Provinces of Capital Equipment

New Brunswick						Quebec					
Sea Fisheries		Inland Fisheries		Total Fisheries		Sea Fisheries		Inland Fisheries		Total Fisheries	
No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value
	$		$		$		$		$		$
–	–	–	–	–	–	–	–	–	–	–	–
1	4,000	–	–	1	4,000	–	–	–	–	–	–
–	–	–	–	–	–	4	12,000	–	–	4	12,000
38	57,700	–	–	38	57,700	–	–	–	–	–	–
339	253,700	–	–	339	253,700	5	6,500	–	–	5	6,500
4,405	127,175	277	5,105	4,682	132,281	2,028	261,225	646	17,695	2,674	278,920
1,812	693,700	15	3,625	1,827	697,325	2,926	1,307,850	90	35,750	3, 16	1,343,600
177	132,210	–	–	177	132,210	11	24,300	–	–	11	24,300
53,008	775,673	1,047	13,404	54,055	789,077	11,053	552,350	881	17,713	11,934	570,063
589	955,800	–	–	589	955,800	51	2,550	396	47,080	447	49,630
795	32,775	–	–	795	32,775	837	28,940	–	–	837	28,940
–	–	–	–	–	–	–	–	60	12,860	60	12,860
–	–	–	–	–	–	–	–	1,145	9,060	1,145	9,060
9,423	7,916	–	–	9,423	7,916	25,812	50,345	303	1,200	26,115	51,545
219,896	338,936	–	–	219,896	338,936	64,401	84,872	–	–	64,401	84,872
–	–	10	30	10	30	–	–	–	–	–	–
381	144,700	–	–	381	144,700	284	149,950	–	–	284	149,950
163	226,900	–	–	163	226,900	257	66,360	40	4,950	297	71,310
1,110	415,550	–	–	1,100	415,550	1,569	314,200	31	2,520	1,600	316,720
–	4,166,736	–	22,164	–	4,188,900	–	2,861,442	–	148,828	–	3,010,270
Establishments	Capital	—	—	Establishments	Capital	Establishments	Capital	—	—	Establishments	Capital
No.	$			No.	$	No.	$			No.	$
153	492,459	–	–	153	492,459	51	169,947	–	–	51	169,947
–	–	–	–	–	–	–	–	–	–	–	–
5[3]	719,304[3]	–	–	5[3]	719,304[3]	–	–	–	–	–	–
–	–	–	–	–	–	3[4]	17,400[4]	–	–	3[4]	17,400[4]
–	–	–	–	–	–	–	–	–	–	–	–
85	477,989	–	–	85	477,989	66	569,676	–	–	66	569,676
243	1,689,752	–	–	243	1,689,752	120	757,023	–	–	120	757,023
–	5,856,488	–	22,164	–	5,878,652	–	3,618,465	–	148,828	–	3,767,293

[3] Includes 1 sardine cannery. [4] Includes 1 clam and other fish cannery.

13. Summary by Provinces of Capital Equipment—*Concluded*

In Primary Operations	Ontario		Manitoba	
	No.	Value	No.	Value
		$		$
Steam trawlers	–	–	–	–
Steam vessels	123	669,365	19	222,000
Sailing and gasoline vessels, 40 tons and over	–	–	–	–
Sailing and gasoline vessels, 20–40 tons	–	–	–	–
Sailing and gasoline vessels, 10–20 tons	–	–	–	–
Sail and row boats	1,285	83,790	209	57,770
Gasoline boats	768	384,702	8	5,500
Carrying smacks	–	–	–	–
Gill nets, seines, trap and smelt nets, etc	6,001,838 [1]	688,298	25,110	332,050
Weirs	–	–	–	–
Halibut gear (skates)	–	–	–	–
Trawls	–	–	–	–
Hand lines	69,000	4,927	15	75
Pound nets	1,144	767,035	–	–
Hoop nets	1,417	60,758	–	–
Dip or roll nets	36	290	–	–
Spears	199	669	–	–
Fish wheels	–	–	–	–
Crab traps	–	–	–	–
Oyster plant	–	–	–	–
Fishing piers and wharves	252	111,920	23	20,900
Freezers and ice houses	557 [2]	267,928	53	113,231
Small fish and smoke houses	–	–	33	17,500
Total value	–	**3,039,682**	–	**769,026**

In Fish Canning and Curing	—	—	Establishments	Capital
			No.	$
Lobster canneries	–	–	–	–
Sardine canneries	–	–	–	–
Clam and other canneries	–	–	–	–
Salmon canneries	–	–	–	–
Whale oil and fish oil factories	–	–	–	–
Fish curing establishments	–	–	2	41,467
Totals	–	–	**2**	**41,467**
Total capital	–	**3,039,682**	–	**810,493**

[1] For Ontario, gill nets and seines are shown in yards.
[2] 102 of these are spearing houses, value $1,053.

13. Summary by Provinces of Capital Equipment—*Concluded*

Saskatchewan		Alberta		British Columbia		Yukon	
No.	Value	No.	Value	No.	Value	No.	Value
	$		$		$		$
–	–	–	–	3	190,000	–	–
–	–	3	7,000	20	523,000	–	–
–	–	–	–	9	227,000	–	–
–	–	–	–	93	874,000	–	–
–	–	–	–	166	819,350	–	–
144	3,452	79	2,525	3,175	259,200	35	875
20	7,450	94	47,080	3,567	1,794,524	–	–
–	–	–	–	126	302,300	–	–
1,811	42,928	2,808	58,600	6,476	1,852,388	150	1,800
–	–	–	–	–	–	–	–
–	–	–	–	5,485	118,450	–	–
–	–	–	–	13	11,650	–	–
16	90	–	–	6,852	38,780	–	–
–	–	1	350	–	–	–	–
20	200	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	2	250
–	–	–	–	4,000	24,000	–	
–	–	–	–	1	20,500	–	–
15	1,625	26	11,905	67	565,550	–	–
24	4,300	41	12,215	15	1,330,500	–	–
5	695	66	3,450	32	64,000	4	450
–	**60,740**	–	**143,125**	–	**9,015,192**	–	**3,375**
—	—	—	-	Establishments	Capital		
				No.	$		
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	75[1]	13,979,985[1]	–	–
–	–	–	–	9	1,457,521	–	–
–	–	–	–	20	920,799	–	–
–	–	–	–	**104**	**16,358,305**	–	–
–	**60,740**	–	**143,125**	–	**25,373,497**	–	**3,375**

[1] Includes one clam cannery.

Fishing Bounty

Under authority of "An Act to encourage the development of the Sea Fisheries and the building of Fishing Vessels," the sum of $160,000 is appropriated annually by the Department of Marine and Fisheries and paid to fishermen of the eastern maritime Provinces. The bounty is distributed under regulations made from time to time by the Governor in Council.

For the year 1919, payment was made on the following basis:—

To owners of vessels entitled to receive bounty, $1 per registered ton; payment to the owner of any one vessel not to exceed $80.

To vessel fishermen entitled to receive bounty, $6.25 each.

To owners of boats, measuring not less than 13 feet keel, $1 per boat.

To boat fishermen, entitled to receive bounty, $3.80 each.

There were 13,068 bounty claims received, and 13,061 paid. In the preceding year, 14,452 claims were received, and 14,439 paid. The total amount paid in 1919 was $155,136.70, allocated as follows:—

To 748 vessels and their crews—$52,990.05.

To 12,313 boats and their crews—$102,146.65.

Table (2), part III, shows in detail the payment of the bounty by counties for the year 1919.

Imports and Exports

The total fish and fish products imported into Canada for consumption during the fiscal year ended March 31, 1920, were valued at $4,051,882, and the exports at $42,227,996, compared with imports of $3,183,818 and exports of $37,137,072 for the preceding year. Detailed statistics are given in part III, table (3).

Historical Review

The three tables following will afford a review of the fishing industry of Canada for the past several years. In the case of production returns are given by provinces year by year back to 1870. In the case of the number and value of vessels, boats, etc., the review extends to 1880, and in the case of the number of employees to 1895.

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14. Historical Review—(*a*) Total Value of the Fisheries in the Respective Provinces of Canada, from 1870 to 1919

Year.	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	British Columbia	Manitoba, Saskatchewan Alberta and Yukon	Total for Canada
	$	$	$	$	$	$	$	$
1870	Not known.	4,019,425	1,131,433	1,161,551	264,982	Not known.	Not known.	6,577,391
1871	Not known.	5,101,030	1,185,033	1,093,612	193,524	Not known.	Not known.	7,573,199
1872	Not known.	6,016,835	1,965,459	1,320,189	267,633	Not known.	Not known.	9,570,116
1873	207,595	6,577,085	2,285,662	1,391,564	293,091	Not known.	Not known.	10,754,997
1874	288,863	6,652,302	2,685,794	1,608,660	446,267	Not known.	Not known.	11,681,886
1875	298,927	5,573,851	2,427,654	1,596,759	453,194	Not known.	Not known.	10,350,385
1876	494,967	6,029,050	1,953,389	2,097,668	437,229	104,697	Not known.	11,117,000
1877	763,036	5,527,858	2,133,237	2,560,147	438,223	583,433	Not known.	12,005,934
1878	840,344	6,131,600	2,305,790	2,664,055	348,122	925,767	Not known.	13,215,678
1879	1,402,301	5,752,937	2,554,722	2,820,395	367,133	631,766	Not known.	13,529,254
1880	1,675,089	6,291,061	2,744,447	2,631,556	444,491	713,335	Not known.	14,499,979
1881	1,955,290	6,214,782	2,930,904	2,751,962	509,903	1,454,321	Not known.	15,817,162
1882	1,855,687	7,131,418	3,192,339	1,976,516	825,457	1,842,675	Not known.	16,824,092
1883	1,272,468	7,689,374	3,185,674	2,138,997	1,027,033	1,644,646	Not known.	16,958,192
1884	1,085,619	8,763,779	3,730,454	1,694,561	1,133,724	1,358,267	Not known.	17,766,404
1885	1,293,430	8,283,922	4,005,431	1,719,460	1,342,692	1,078,038	Not known.	17,722,973
1886	1,141,991	8,415,362	4,180,227	1,741,382	1,435,998	1,577,348	186,980	18,679,288
1887	1,037,426	8,379,782	3,559,507	1,773,567	1,531,850	1,974,887	129,084	18,386,103
1888	876,862	7,817,030	2,941,863	1,860,012	1,839,869	1,902,195	180,677	17,418,508
1889	886,430	6,346,722	3,067,039	1,876,194	1,963,123	3,348,067	167,679	17,655,254
1890	1,041,109	6,636,444	2,699,055	1,615,119	2,009,637	3,481,432	232,104	17,714,900
1891	1,238,733	7,011,300	3,571,050	2,008,678	1,806,389	3,008,755	332,969	18,977,874
1892	1,179,856	6,340,724	3,203,922	2,236,732	2,042,198	2,849,483	1,088,254	18,941,169
1893	1,133,368	6,407,279	3,746,121	2,218,905	1,694,930	4,443,963	1,042,093	20,686,659
1894	1,119,738	6,547,387	4,351,526	2,303,386	1,659,968	3,950,478	787,087	20,719,570
1895	976,836	6,213,131	4,403,158	1,867,920	1,584,473	4,401,354	752,466	20,199,338
1896	976,126	6,070,895	4,799,433	2,025,754	1,605,674	4,183,999	745,543	20,407,424
1897	954,949	8,090,346	3,934,135	1,737,011	1,289,822	6,138,865	638,416	22,783,544
1898	1,070,202	7,226,034	3,849,357	1,761,440	1,433,632	3,713,101	613,355	19,667,121
1899	1,043,645	7,347,604	4,119,891	1,953,134	1,590,447	5,214,074	622,911	21,891,706
1900	1,059,193	7,809,152	3,769,742	1,989,279	1,333,294	4,878,820	718,159	21,557,639
1901	1,050,623	7,989,548	4,193,264	2,174,459	1,428,078	7,942,771	958,410	25,737,153
1902	887,024	7,351,753	3,912,514	2,059,175	1,265,706	5,284,824	1,198,437	21,959,433
1903	1,099,510	7,841,602	4,186,800	2,211,792	1,535,144	4,748,365	1,478,665	23,101,878
1904	1,077,546	7,287,099	4,671,084	1,751,397	1,793,229	5,219,107	1,716,977	23,516,439
1905	998,922	8,259,085	4,847,090	2,003,716	1,708,963	9,850,216	1,811,570	29,479,562
1906	1,168,939	7,799,160	4,905,225	2,175,035	1,734,856	7,003,347	1,493,923	26,279,485
1907	1,492,695	7,632,330	5,300,564	2,047,390	1,935,025	6,122,923	968,422	25,499,349
1908	1,378,624	8,009,838	4,754,298	1,881,817	2,100,078	6,465,038	861,392	25,451,085
1909	1,197,556	8,081,111	4,676,315	1,808,436	2,177,813	10,314,755	1,373,181	29,629,169
1910	1,153,708	10,119,243	4,134,144	1,692,475	2,026,121	9,163,235	1,676,507	29,965,433
1911	1,196,396	9,367,550	4,886,157	1,868,136	2,205,436	13,677,125	1,467,072	34,667,872
1912	1,379,905	7,384,055	4,264,054	1,988,241	2,842,878	14,455,488	1,074,843	33,389,464
1913	1,280,447	8,297,626	4,308,707	1,850,427	2,674,685	13,891,398	904,458	33,207,748
1914	1,261,666	7,730,191	4,940,083	1,921,430	2,755,291	11,515,086	1,137,884	31,264,631
1915	933,682	9,166,851	4,737,145	2,076,851	3,341,182	14,538,320	1,066,677	35,860,708
1916	1,344,179	10,092,902	5,656,859	2,991,624	2,658,993	14,637,346	1,826,475	39,208,378
1917	1,786,310	14,468,319	6,143,088	3,414,378	2,866,419	21,518,595	2,114,935	52,312,044
1918	1,148,201	15,143,066	6,298,990	4,568,773	3,175,111	27,282,223	2,634,180	60,250,544
1919	1,536,844	15,171,929	4,979,574	4,258,731	3,410,750	25,301,607	1,849,044	56,508,479

15. Historical Review—(b) Number and Value of Vessels and Boats engaged in the Fisheries of Canada, together with the Value of Fishing Material used for the years 1880, 1885, 1890, 1895 and 1900 to 1919

Year	Vessels			Boats		Value of Nets and Scines	Value[1] of other Fishing Material	Total Capital Invested
	Number	Tonnage	Value	Number	Value			
			$		$	$	$	$
1880	1,181	45,323	1,814,688	25,266	716,352	985,978	419,564	3,936,582
1885	1,177	48,728	2,021,633	28,472	852,257	1,219,284	2,604,285	6,697,459
1890	1,069	43,084	2,152,790	29,803	924,346	1,695,358	2,600,147	7,372,641
1895	1,121	37,829	2,318,290	34,268	1,014,057	1,713,190	4,208,311	9,253,848
1900	1,212	41,307	1,940,329	38,930	1,248,171	2,405,860	5,395,765	10,990,125
1901	1,231	40,358	2,417,680	38,186	1,212,297	2,312,187	5,549,136	11,491,300
1902	1,296	49,888	2,620,661	41,667	1,199,598	2,103,621	5,382,079	11,305,959
1903	1,343	42,712	2,755,150	40,943	1,338,003	2,305,444	5,842,857	12,241,454
1904	1,316	43,025	2,592,527	41,938	1,376,165	2,189,666	6,198,584	12,356,942
1905	1,384	41,640	2,813,834	41,463	1,373,337	2,310,508	6,383,218	12,880,897
1906	1,439	40,827	2,841,875	39,634	1,462,374	2,426,341	7,824,975	14,555,565
1907	1,390	36,902	2,731,888	38,711	1,437,196	2,266,722	8,374,440	14,826,592
1908	1,441	40,818	3,571,871	39,965	1,696,856	2,283,127	7,957,500	15,508,275
1909	1,750	37,662	3,303,121	41,170	1,855,629	2,572,820	9,626,362	17,357,932
1910	1,680	38,454	3,028,625	38,977	2,834,996	2,786,548	10,720,701	19,019,870
1911	1,648	–	3,502,928	36,761	2,695,650	2,453,191	12,281,135	20,932,904
1912	1,669	–	4,671,923	34,501	3,072,115	4,154,880	12,489,541	24,388,459
1913	1,992	–	4,445,259	37,686	3,834,178	3,423,110	15,761,486	27,464,033
1914	1,892	–	4,390,660	39,144	3,957,912	3,313,581	13,071,009	24,733,162
1915	1,984	–	4,594,504	38,536	4,345,954	3,544,087	13,371,030	25,855,575
1916	1,965	–	5,267,724	40,105	4,829,793	4,485,269	14,146,176	28,728,962
1917	1,533	–	6,268,946	42,689	5,770,464	5,347,497	29,756,218	47,143,125
1918	1,417	–	6,790,888	38,726	7,059,638	6,174,967	40,196,370	60,221,863
1919	1,373	–	7,768,160	36,434	7,470,095	6,312,245	33,026,526	54,577,026

[1]Comprises fish canning and curing establishments, small fish and smoke houses, freezers and ice-houses, fishing piers and wharves, lobster, salmon, and crab traps, weirs, trawls, and all other fishing material except "vessels," "boats," and "nets and seines."

16. Historical Review—(c) Number of Persons employed in the Fishing Industry for the years 1895 and 1900 to 1919

Year	Number of Persons in Canneries and Fish-houses	Number of Men in Vessels	Number of Men in Boats	Total Number of Fishermen	Total Number Persons in Fishing Industry
1895	13,030	9,804	61,530	71,334	84,364
1900	18,205	9,205	71,859	81,064	99,269
1901	15,315	9,148	69,142	78,290	93,605
1902	13,563	9,123	68,678	77,801	91,364
1903	14,018	9,304	69,830	79,134	93,152
1904	13,981	9,236	68,109	77,345	91,326
1905	14,037	9,366	73,505	82,871	96,908
1906	12,317	8,458	67,646	76,104	88,421
1907	11,442	8,089	63,165	71,254	82,696
1908	13,753	8,550	62,520	71,070	84,823
1909	21,694	7,931	60,732	68,663	90,357
1910	24,978	8,521	60,089	68,610	93,588
1911	25,206	9,056	56,870	65,926	91,132
1912	23,327	9,076	56,005	65,081	88,408
1913	26,893	10,525	61,251	71,776	98,669
1914	24,559	9,400	60,554	69,954	94,513
1915	27,320	9,541	65,321	74,862	102,182
1916	25,680	9,192	60,432	69,624	95,304
1917	22,732[1]	8,946	63,444[2]	72,390	95,122
1918	18,554	8,668	59,848[3]	68,516	87,070
1919	18,356	8,908	58,896[4]	67,804	86,160

[1]Including those employed in freezers and ice-houses.
[2]Includes 744 men fishing, not in boats.
[3]Includes 1,738 men fishing, not in boats.
[4]Includes 2,616 men fishing, not in boats.

MAIN TABLES

I. FISH CAUGHT AND MARKETED—QUANTITIES AND VALUES.

II. AGENCIES OF PRODUCTION—CAPITAL EQUIPMENT, EMPLOYEES, Etc.

Part 1. IN PRIMARY OPERATIONS.

Part 2. IN FISH CANNING AND CURING ESTABLISHMENTS.

(a) General Summary of Statistics.

(b) Capital Invested.

(c) Employees, Salaries and Wages.

(d) Employees on Wages by Months.

(e) Time in Operation and Hours Worked.

(f) Classification of Wage-earners according to Daily Wages.

(g) Quantity and Value of Fuel Used.

(h) Power Employed.

(i) Miscellaneous Expenses.

(j) Character of Organization.

(k) Establishments Classified According to Number of Employees.

(l) Establishments Classified According to Value of Products.

III. SPECIAL TABLES.

(1) The Salmon Pack of British Columbia.

(2) Fishing Bounties.

(3) Imports and Exports of Fish and Fish Products.

(4) Fish Landed in United States Atlantic Ports by Canadian Vessels.

I. Fish Caught and Marketed, 1919

	Fishing Districts	Cod					Haddock		
		Caught and landed	Marketed				Caught and landed	Marketed	
			Used fresh	Green-salted	Dried	Boneless		Used fresh	Green-salted
	PRINCE EDWARD ISLAND	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—								
1	**Quantity**	**39,616**	**5,037**	**15,262**	**1,766**	**332**	**2,196**	**618**	**716**
2	**Value** $	**99,039**	**25,185**	**101,715**	**17,687**	**5,947**	**4,445**	**3,440**	**4,413**
	Kings County (all)—								
3	Total Quantity	12,510	390	9,942	823	–	2,090	565	561
4	Total Value $	31,275	1,950	63,248	9,138	–	4,180	3,175	3,752
	Queens County (all)..—								
5	Total Quantity	18,979	4,461	2,473	237	332	106	53	47
6	Total Value $	47,447	22,305	17,979	2,757	5,947	265	265	200
	Prince County—								
	Western portion: Baptist Point								
7	to and including Cascumpeque Bay	7,841	120	2,847	706	–	–	–	108
8	Eastern portion: East of Baptist Point and Cascumpeque Bay	286	66	–	–	–	–	–	–
9	Total Quantity	8,127	186	2,847	706	–	–	–	108
10	Total value $	20,317	930	20,488	5,792	–	–	–	461

	Fishing Districts	Alewives			Salmon		Smelts		Trout	
		Caught and landed	Marketed		Caught and landed	Marketed	Caught and landed	Marketed	Caught and landed	Marketed
			Used fresh	Salted		Used fresh		Used fresh		Used fresh
	PRINCE EDWARD ISLAND—concluded.	cwt.	cwt.	bbl.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—									
1	**Quantity**	**120**	**21**	**33**	**22**	**22**	**8,599**	**8,599**	**17**	**17**
2	**Value** $	**240**	**63**	**231**	**264**	**264**	**51,594**	**61,165**	**170**	**190**
	Kings County (all)..—									
3	Total quantity	–	–	–	22	22	972	972	10	10
4	Total value $	–	–	–	264	264	5,832	7,776	100	120
	Queens County (all)—									
5	Total quantity	120	21	33	–	–	4,124	4,124	3	3
6	Total value $	240	63	231	–	–	24,744	28,868	30	30
	Prince County—									
	Western portion: Baptist Point to									
7	and including Cascumpeque Bay..	–	–	–	–	–	818	818	4	4
8	Eastern portion: East of Baptist Point aad Cascumpeque Bay	–	–	–	–	–	2,685	2,685	–	–
9	Total quantity	–	–	–	–	–	3,503	3,503	4	4
10	Total value $	–	–	–	–	–	21,018	24,521	40	40

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Fish Caught and Marketed, 1919

Hake and Cusk				Tongues and Sounds Marketed	Herring					Mackerel				
Caught and landed	Marketed				Caught and landed	Marketed				Caught and landed	Marketed			
	Used fresh	Green salted	Dried	Pickled or Dried		Used fresh	Dry-salted	Pickled	Used as bait		Used fresh	Canned	Salted	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	bbl.	bbl.	cwt.	cwt.	cases	bbl.	
20,473	**1,820**	**5,170**	**2,613**	**132**	**30,110**	**1,067**	**2,507**	**956**	**11,172**	**11,788**	**3,226**	**422**	**2,899**	1
40,946	**7,280**	**29,425**	**21,878**	**2,640**	**60,220**	**3,191**	**10,012**	**9,560**	**44,668**	**65,619**	**22,932**	**2,604**	**50,754**	2
16,574	1,600	3,417	1,917	100	7,320	715	2,347	130	1,172	3,200	580	–	822	3
33,148	6,400	18,879	17,253	2,000	14,640	2,135	9,720	1,300	4,688	19,200	4,210	–	15,240	4
730	220	95	45	12	3,815	222	–	531	1,000	3,479	731	122	738	5
1,460	880	504	405	240	7,630	666	–	5,310	4,000	20,874	5,117	904	13,424	6
3,169	–	1,658	651	20	7,705	100	–	295	3,380	4,839	1,905	300	1,339	7
–	–	–	–	–	11,270	30	160	–	5,620	270	10	–	–	8
3,169	–	1,658	651	20	18,975	130	160	295	9,000	5,109	1,915	300	1,339	9
6,338	–	10,042	4,220	400	37,950	390	292	2,950	35,980	25,545	13,605	1,700	22,090	10

Tom Cod		Clams and Quahaugs			Lobsters				Oysters		Fish Oil	Fish Skins	
Caught and landed	Marketed	Caught and landed	Marketed		Caught and landed	Marketed			Caught and landed	Marketed	Marketed	Marketed	
	fresh		Used fresh	Canned		Shipped in shell	Canned	Tom-alley		Used fresh			
cwt.	cwt.	bbl.	bbl.	cases	cwt.	cwt.	cases	cases	bbl.	bbl.	gal.	cwt.	
176	**176**	**550**	**330**	**220**	**64,936**	**20**	**31,911**	**20**	**3,392**	**3,392**	**8,462**	**103**	1
352	**372**	**947**	**600**	**1,288**	**519,488**	**340**	**1,069,481**	**390**	**31,160**	**32,112**	**6,882**	**135**	2
20	20	200	–	220	29,976	–	15,160	–	–	–	6,000	–	3
40	60	300	–	1,288	239,808	–	508,020	–	–	–	4,800	–	4
156	156	–	–	–	11,945	–	6,071	–	2,440	2,440	1,000	103	5
312	312	–	–	–	95,560	–	204,770	–	24,400	24,400	800	135	6
–	–	–	–	–	11,773	–	5,756	14	452	452	1,262	–	7
–	–	350	330	–	11,242	20	4,924	6	500	500	200	–	8
–	–	350	330	–	23,015	20	10,680	20	952	952	1,462	–	9
–	–	647	600	–	184,120	340	356,691	390	6,760	7,712	1,282	–	10

I. Fish Caught and Marketed, 1919

	Fishing Districts	Cod						
		Caught and landed	Marketed					
			Used fresh	Green-salted	Smoked fillets	Dried	Boneless	Canned
	Nova Scotia	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cases
	Totals for Province—Quantity	**1,598,843**	**98,862**	**158,584**	**13,145**	**351,442**	**27,702**	**1,690**
	Value $	**5,307,414**	**391,188**	**932,047**	**179,229**	**4,239,230**	**333,276**	**13,520**
	Richmond County—							
1	Inverness County line to St. Peter's canal, including Ile Madame	47,115	–	16,611	–	4,760	31	–
2	St. Peter's canal to Cape Breton County line	10,117	295	240	–	3,114	–	–
	Total quantity	57,232	295	16,851	–	7,874	31	–
	Total value $	140,953	1,475	105,206	–	83,544	465	–
	Cape Breton County—							
3	Richmond County line to White Point and head of East Bay	5,900	20	2,400	–	360	–	–
4	White Point to Bridgeport	33,547	2,566	9,096	–	4,078	–	–
5	Bridgeport and head of East Bay to Victoria county line	6,320	1,641	767	–	761	–	–
	Total quantity	45,767	4,227	12,263	–	5,199	–	–
	Total value $	90,344	15,128	69,702	–	52,503	–	–
	Victoria County—							
6	South of Barachois River	1,008	221	168	–	150	–	–
7	Barachois River to Green Cove	72,675	6,601	4,948	–	19,326	–	–
8	Green Cove to Inverness County line	23,037	2,866	8,368	–	1,145	–	
	Total quantity	96,720	9,688	13,484	–	20,621	–	–
	Total value $	194,375	21,620	66,148	–	203,669	–	–
	Inverness County—							
9	North of Broad Cove Scotsville and Gilla nder Mountain	54,000	294	21,921	–	2,791	500	–
10	Broad Cove, Scotsville and Gillander Mountain to Richmond County line	40,124	14,738	3,162	5,379	1,589	106	–
	Total quantity	94,124	15,032	25,083	5,379	4,380	606	–
	Total value	188,245	62,625	159,966	75,981	35,399	9,749	–
	Cumberland County—							
11	New Brunswick line to Cape Cliff	–	–	–	–	–	–	–
12	Cape Cliff to Colchester County line	–	–	–	–	–	–	–
13	Bay of Fundy	112	16	–	–	32	–	–
	Total quantity	112	16	–	–	32	–	–
	Total value $	336	160	–	–	384	–	–
	Colchester County—							
14	Strait of Northumberland	–	–	–	–	–	–	–
15	Hants County line to Salmon River	–	–	–	–	–	–	–
16	Salmon river to Cumberland County line	455	335	–	–	40	–	–
	Total quantity	455	335	–	–	40	–	–
	Total value $	1,365	1,675	–	–	480	–	–
	Pictou county—							
17	Colchester County line to Pictou harbour, including Pictou Island	437	104	–	–	–	111	–
18	East of Pictou harbour to Antigonish County line	37	37	–	–	–	–	–
	Total quantity	474	141	–	–	–	111	–
	Total value $	1,496	571	–	–	–	1,665	–
19	Antigonish County (all)—							
	Total quantity	1,647	380	200	–	289	–	–
	Total value $	3,294	760	1,200	–	2,589	–	–
	Guysborough County—							
20	Antigonish County line to New Harbour	101,137	17,642	28,077	2,010	7,072	180	–
21	New Harbour to Halifax County line	23,614	50	1,902	–	5,979	690	–
	Total quantity	124,751	17,692	29,979	2,010	13,051	870	–
	Total value $	276,118	75,423	142,965	28,348	135,835	13,296	–

I. Fish Caught and Marketed, 1919

Haddock							
Caught and landed	Marketed						
	Used fresh	Canned	Smoked	Green-Salted	Dried	Boneless	
cwt.	cwt.	cases	cwt.	cwt.	cwt.	cwt.	
555,433	**124,064**	**34,055**	**39,849**	**64,708**	**55,835**	**139**	
1,334,481	**507,189**	**298,449**	**375,905**	**298,720**	**523,167**	**2,085**	
29,278	–	–	–	13,007	1,088	–	1
2,675	1,337	–	–	–	446	–	2
31,953	1,337	–	–	13,007	1,534	–	
59,189	5,348	–	–	53,189	14,070	–	
780	–	–	–	–	260	–	3
4,457	352	–	40	453	1,033	–	4
1,900	31	–	–	750	123	–	5
7,137	383	–	40	1,203	1,416	–	
13,863	986	–	400	5,622	12,811	–	
–	–	–	–	–	–	–	6
74,977	2,832	–	–	30,362	2,807	–	7
12,199	1,139	–	–	1,624	2,604	–	8
87,176	3,971	–	–	31,986	5,411	–	
96,935	8,389	–	–	131,130	42,592	–	
3,900	1,332	–	–	844	292	–	
54,156	18,407	–	15,701	581	100	–	10
58,056	19,739	–	15,701	1,425	392	–	
115,037	85,272	–	139,768	6,367	3,300	–	
–	–	–	–	–	–	–	11
–	–	–	–	–	–	–	12
–	–	–	–	–	–	–	13
–	–	–	–	–	–	–	
–	–	–	–	–	–	–	
–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	15
–	–	–	–	–	–	–	16
–	–	–	–	–	–	–	
–	–	–	–	–	–	–	
15	6	–	–	–	3	–	17
–	–	–	–	–	–	–	18
15	6	–	–	–	3	–	
30	12	–	–	–	18	–	
656	167	–	–	180	43	–	19
984	250	–	–	720	301	–	
101,793	20,137	27,450	5,333	7,169	4,876	–	20
2,457	202	–	–	–	961	–	21
104,250	20,339	27,450	5,333	7·169	5,837	–	
274,107	95,725	247,746	51,520	50,446	60,941	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Hake and Cusk					
		Caught and landed	Marketed				
			Used fresh	Green-salted	Smoked fillets	Dried	Boneless
	Nova Scotia—Continued	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**112,951**	**18,965**	**26,322**	**3,445**	**12,038**	**890**
	Value $	**193,781**	**59,805**	**120,209**	**47,914**	**111,517**	**8,419**
	Richmond County—						
1	Inverness county line to St. Peter's canal, including Ile Madame	115	–	5	–	35	–
2	St. Peter's canal to Cape Breton county line	–	–	–	–	–	–
	Total quantity	115	–	5	–	35	–
	Total value $	225	–	20	–	315	–
	Cape Breton County—						
3	Richmond county line to White Point and head of East Bay	–	–	–	–	–	–
4	White Point to Bridgeport	–	–	–	–	–	–
5	Bridgeport and head of East Bay to Victoria county line	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Victoria County—						
6	South of Barachois River	–	–	–	–	–	–
7	Barachois River to Green Cove	–	–	–	–	–	–
8	Green Cove to Inverness county line	100	9	14	–	21	–
	Total quantity	100	9	14	–	21	–
	Total value $	125	18	56	–	147	–
	Inverness County—						
9	North of Broad Cove, Scotsville and Gillander Mountain	775	175	141	–	106	–
10	Broad Cove, Scotsville and Gillander Mountain to Richmond county line	3,100	2,888	464	–	–	–
	Total quantity	3,875	3,063	605	–	106	–
	Total value $	5,153	7,393	2,436	–	841	–
	Cumberland County—						
11	New Brunswick line to Cape Cliff	–	–	–	–	–	–
12	Cape Cliff to Colchester county line	–	–	–	–	–	–
13	Bay of Fundy	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Colchester County—						
14	Strait of Northumberland	–	–	–	–	–	–
15	Hants county line to Salmon River	–	–	–	–	–	–
16	Salmon river to Cumberland county line	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Pictou County—						
17	Colchester county line to Pictou Harbour, including Pictou Island	–	–	–	–	–	–
18	East of Picton Harbour to Antigonish county line	271	–	–	–	90	–
	Total quantity	271	–	–	–	90	–
	Total value $	813	–	–	–	1,080	–
19	Antigonish County (all)—						
	Total quantity	2,227	40	300	–	529	–
	Total value $	2,230	40	900	–	2,645	–
	Guysborough County—						
20	Antigonish county line to New Harbour	2,409	142	8	248	514	–
21	New Harbour to Halifax county line	186	–	–	–	62	–
	Total quantity	2,595	142	8	248	576	–
	Total value $	3,797	268	56	1,860	2,720	–

I. Fish Caught and Marketed, 1919

Pollock							Tongues and Sounds	Halibut			
Caught and landed	Marketed						Marketed	Caught and landed	Marketed		
	Used fresh	Green-salted	Smoked fillets	Dried	Canned	Boneless	Pickled or Dried		Used fresh	Smoked	
cwt.	cwt.	cwt.	cwt.	cwt.	cases	cwt.	cwt.	cwt.	cwt.	cwt.	
149,402	**10,390**	**29,664**	**15**	**31,593**	**160**	**65**	**572**	**31,885**	**29,775**	**308**	
268,557	**43,323**	**132,026**	**97**	**271,889**	**1,280**	**784**	**3,755**	**408,645**	**493,584**	**1,727**	
1,294	1	267	–	253	–	–	22	50	50	–	1
1,197	417	–	–	260	–	–	13	110	110	–	2
2,491	418	267	–	513	–	–	35	160	160	–	
4,382	1,670	1,277	–	4,244	–	–	376	1,708	2,258	–	
700	100	–	–	200	–	–	–	30	30	–	3
2,542	87	746	–	321	–	–	–	1,572	1,554	–	4
2,733	1	700	–	444	–	–	–	30	30	–	5
5,975	188	1,446	–	965	–	–	–	1,632	1,614	–	
8,620	566	6,530	–	6,944	–	–	–	16,584	24,120	–	
250	–	125	–	–	–	–	–	–	–	–	6
347	65	141	–	–	–	–	–	12	12	–	7
519	17	215	–	24	–	–	–	167	167	–	8
1,116	82	481	–	24	–	–	–	179	179	–	
1,661	178	2,219	–	192	–	–	–	1,432	2,442	–	
250	–	50	–	50	–	–	–	75	75	300	9
2,530	1,790	370	–	–	–	–	15	1,414	1,414	–	10
2,780	1,790	420	–	50	–	–	15	1,489	1,489	300	
3,565	7,598	2,781	–	403	–	–	92	7,720	20,714	1,600	
–	–	–	–	–	–	–	–	–	–	–	11
–	–	–	–	–	–	–	–	–	–	–	12
409	49	97	–	55	–	–	–	3	3	–	13
409	49	97	–	55	–	–	–	3	3	–	
1,023	343	970	–	550	–	–	–	35	45	–	
–	–	–	–	–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	–	–	–	–	15
–	–	–	–	–	–	–	–	15	15	–	16
–	–	–	–	–	–	–	–	15	15	–	
–	–	–	–	–	–	–	–	150	225	–	
–	–	–	–	–	–	–	–	–	–	–	17
–	–	–	–	–	–	–	–	–	–	–	18
–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	19
–	–	–	–	–	–	–	–	–	–	–	
7,364	599	2,253	15	822	–	–	–	6,859	6,859	–	20
780	–	–	–	260	–	–	–	468	514	–	21
8,144	599	2,253	15	1,082	–	–	–	7,327	7,373	–	
12,639	2,372	11,930	97	9,104	–	–	–	98,438	124,734	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Flounders, Brill, Plaice, etc.		Skate		Soles	
		Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh
	Nova Scotia—Continued	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**2,138**	**2,350**	**1,332**	**1,343**	**58**	**58**
	Value $	**3,088**	**6,125**	**1,414**	**1,962**	**168**	**224**
	Richmond County—						
1	Inverness county line to St. Peter's canal, including Ile Madame	158	158	200	200	–	–
2	St. Peter's canal to Cape Breton county line	65	65	13	13	–	–
	Total quantity	223	223	213	213	–	–
	Total value $	212	446	76	86	–	–
	Cape Breton County—						
3	Richmond county line to White Point and head of East Bay	–	–	–	–	–	–
4	White Point to Bridgeport	–	–	–	–	–	–
5	Bridgeport and head of East Bay to Victoria county line	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	
	Victoria County—						
6	South of Barachois River	–	–	–	–	–	–
7	Barachois River to Green Cove	–	–	47	47	–	–
8	Green Cove to Inverness county line	–	–	–	–	–	–
	Total quantity	–	–	47	47	–	–
	Total value $	–	–	235	235	–	–
	Inverness County—						
9	North of Broad Cove, Scotsville and Gillander Mountain	–	–	–	–	–	–
10	Broad Cove, Scotsville and Gillander Mountain to Richmond county line	148	148	–	–	–	–
	Total quantity	148	148	–	–	–	–
	Total value $	185	658	–	–	–	–
	Cumberland County—						
11	New Brunswick line to Cape Cliff	–	–	–	–	–	
12	Cape Cliff to Colchester county line	–	–	–	–	–	–
13	Bay of Fundy	22	22	–	–	–	–
	Total quantity	22	22	–	–	–	–
	Total value $	44	66	–	–	–	–
	Colchester County—						
14	Strait of Northumberland	–	–	–	–	–	–
15	Hants county line to Salmon river	–	–	–	–	–	–
16	Salmon river to Cumberland county line	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Pictou County—						
17	Colchester county line to Pictou Harbour, including Pictou Island	–	–	–	–	–	–
18	East of Pictou Harbour to Antigonish county line	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
19	Antigonish County (all)— Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Guysborough County—						
20	Antigonish county line to New Harbour	10	162	62	62	6	6
21	New Harbour to Halifax county line	–	–	–	–	–	–
	Total quantity	10	162	62	62	6	6
	Total value $	20	649	93	112	12	16

I. Fish Caught and Marketed, 1919

Herring								
Caught and landed	Marketed							
	Used fresh	Boneless	Canned	Smoked	Dry-salted	Pickled	Used as bait	
cwt.	cwt.	cwt.	cases	cwt.	cwt.	bbl.	bbl.	
246,577	**25,890**	**180**	**5,561**	**11,774**	**150**	**41,904**	**32,804**	
306,825	**66,960**	**2,640**	**34,331**	**88,187**	**337**	**307,123**	**113,292**	
4,573	1	–	–	–	–	1,524	–	1
3,435	21	–	–	–	–	692	669	2
8,008	22	–	–	–	–	2,216	669	
15,832	66	–	–	–	–	21,188	2,676	
1,300	21	–	–	–	–	393	50	3
8,137	828	–	–	–	–	451	2,978	4
2,710	527	–	–	–	–	429	358	5
12,147	1,376	–	–	–	–	1,273	3,386	
22,939	3,641	–	–	–	–	13,845	12,974	
755	139	–	–	–	–	100	158	6
4,059	3,561	–	–	–	–	166	–	7
3,279	297	–	–	–	–	273	1,099	8
8,093	3,997	–	–	–	–	539	1,257	
8,470	11,327	–	–	–	–	3,548	2,544	
5,506	715	–	–	–	–	1,015	573	9
10,657	5,661	–	–	1,779	–	544	–	10
16,163	6,376	–	–	1,779	–	1,559	573	
30,564	22,334	–	–	16,619	–	14,623	1,432	
7,600	–	–	–	3,204	–	–	620	11
–	–	–	–	–	–	–	–	12
35	31	–	–	–	–	–	*2	13
7,635	31	–	–	3,204	–	–	622	
3,870	248	–	–	17,964	–	–	635	
–	–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	–	15
97	53	–	–	20	–	–	12	16
97	53	–	–	20	–	–	12	
485	424	–	–	80	–	–	84	
1,404	81	–	–	240	–	181	150	17
650	395	–	–	–	150	–	–	18
2,054	476	–	–	240	150	181	150	
4,108	952	–	–	1,200	337	1,629	450	
5,278	560	–	–	–	–	152	2,131	
5,278	1,120	–	–	–	–	1,368	4,262	
9,188	1,438	–	–	147	–	1,089	2,114	20
4,370	–	–	–	–	–	1,456	–	21
13,558	1,438	–	–	147	–	2,545	2,114	
27,116	3,613	–	–	549	–	16,883	9,570	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Mackerel				Alewives			
		Caught and landed	Marketed			Caught and landed	Marketed		
			Used fresh	Canned	Salted		Used fresh	Salted	Smoked
	Nova Scotia—Contiuned	cwt.	cwt.	cases	bbl.	cwt.	cwt.	bbl.	cwt.
	Totals for Province—Quantity	**162,907**	**80,614**	**1,320**	**29,027**	**12,717**	**7,712**	**1,172**	**748**
	Value $	**1,042,163**	**693,606**	**9,890**	**729,264**	**27,635**	**20,468**	**10,954**	**4,132**
	Richmond County—								
1	Inverness county line to St. Peter's canal, including Ile Madame	1,321	8	–	418	31	1	10	–
2	St. Peter's canal to Cape Breton county line	9,623	407	–	3,072	45	6	13	–
	Total quantity	10,944	415	–	3,490	76	7	23	–
	Total value $	53,885	4,924	–	69,736	206	65	252	–
	Cape Breton County—								
3	Richmond county line to White Point and head of East Bay	3,600	51	–	1,183	–	–	–	–
4	White Point to Bridgeport	5,018	1,313	–	1,152	–	–	–	–
5	Bridgeport and head of East Bay to Victoria county line	498	–	–	166	31	31	–	–
	Total quantity	9,116	1,364	–	2,501	31	31	–	–
	Total value $	59,634	13,742	–	66,608	49	49	–	–
	Victoria County—								
6	South of Barachois River	2	2	–	–	–	–	–	–
7	Barachois River to Green Cove	2,829	–	–	943	24	24	–	–
8	Green Cove to Inverness county line	1,112	77	–	345	–	–	–	–
	Total quantity	3,943	79	–	1,288	24	24	–	–
	Total value $	15,175	482	–	21,237	24	30	–	–
	Inverness County—								
9	North of Broad Cove, Scotsville and Gillander mountain	21,416	41	–	7,125	1,071	150	307	–
10	Broad Cove, Scotsville and Gillander mountain to Richmond county line	8,943	6,892	–	1,468	222	71	3	–
	Total quantity	30,359	6,933	–	8,593	1,293	221	310	–
	Total value $	216,680	61,705	–	287,716	1,939	509	3,148	–
	Cumberland County—								
11	New Brunswick line to Cape Cliff	–	–	–	–	640	–	80	200
12	Cape Cliff to Colchester county line	–	–	–	–	816	–	272	–
13	Bay of Fundy	–	–	–	–	–	–	–	–
	Total quantity	–	–	–	–	1,456	–	352	200
	Total value $	–	–	–	–	3,272	–	3,160	400
	Colchester County—								
14	Strait of Northumberland	–	–	–	–	–	–	–	–
15	Hants county line to Salmon river	–	–	–	–	720	720	–	–
16	Salmon river to Cumberland county line	–	–	–	–	34	34	–	–
	Total quantity	–	–	–	–	754	754	–	–
	Total value $	–	–	–	–	1,542	2,076	–	–
	Pictou County—								
17	Colchester county line to Pictou Harbour, including Pictou Island	21	21	–	–	13	13	–	–
18	East of Pictou Harbour to Antigonish county line	–	–	–	–	–	–	–	–
	Total quantity	21	21	–	–	13	13	–	–
	Total value $	165	165	–	–	26	26	–	–
19	Antigonish County (all)—								
	Total quantity	410	83	–	109	–	–	–	–
	Total value $	2,592	929	–	2,180	–	–	–	–
	Guysborough County								
20	Antigonish County line to New Harbour	11,456	8,057	–	1,139	78	32	–	–
21	New Harbour to Halifax County line	6,996	–	–	2,332	12	4	–	–
	Total quantity	18,452	8,057	–	3,471	90	36	–	–
	Total value $	60,224	54,291	–	92,505	129	302	–	–

SESSIONAL PAPER No. 17d

I. Fish Caught and Marketed, 1919

Bass		Salmon				Shad			
Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Marketed: Canned	Marketed: Smoked	Caught and landed	Marketed: Used fresh	Marketed: Salted	
cwt.	cwt.	cwt.	cwt.	cases	cwt.	cwt.	cwt.	bbl.	
39	**39**	**4,533**	**4,441**	**6**	**20**	**68**	**62**	**2**	
511	**611**	**86,792**	**104,417**	**68**	**511**	**557**	**584**	**30**	
–	–	25	25	–	–	–	–	–	1
–	–	108	108	–	–	13	7	2	2
–	–	133	133	–	–	13	7	2	
–	–	1,920	2,660	–	–	65	84	30	
–	–	–	–	–	–	–	–	–	3
–	–	197	132	–	–	2	2	–	4
–	–	16	16	–	–	3	3	–	5
–	–	213	148	–	–	5	5	–	
–	–	3,735	3,224	–	–	42	50	–	
–	–	8	8	–	–	–	–	–	6
–	–	14	14	–	–	–	–	–	7
–	–	55	55	4	–	–	–	–	8
–	–	77	77	4	–	–	–	–	
–	–	832	1,115	44	–	–	–	–	
–	–	512	510	2	–	–	–	–	9
12	12	255	228	–	16	–	–	–	10
12	12	767	738	2	16	–	–	–	
141	141	9,579	15,558	24	391	–	–	–	
–	–	–	–	–	–	–	–	–	11
–	–	–	–	–	–	–	–	–	12
–	–	43	43	–	–	–	–	–	13
–	–	43	43	–	–	–	–	–	
–	–	860	1,075	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	14
–	–	70	70	–	–	–	–	–	15
–	–	750	750	–	–	–	–	–	16
–	–	820	820	–	–	–	–	–	
–	–	16,400	20,850	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	17
–	–	319	319	–	–	–	–	–	18
–	–	319	319	–	–	–	–	–	
–	–	6,380	7,975	–	–	–	–	–	
–	–	582	582	–	–	–	–	–	19
–	–	13,036	13,036	–	–	–	–	–	
–	–	96	96	–	–	–	–	–	20
–	–	80	80	–	–	–	–	–	21
–	–	176	176	–	–	–	–	–	
–	–	3,260	3,520	–	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Smelts		Sturgeon		Trout		Albacore		
		Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh	Marketed Canned
	Nova Scotia—Continued	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cases
	Totals for Province—Quantity	**8,357**	**8,356**	**3**	**3**	**769**	**769**	**7,462**	**7,396**	**100**
	Value $	**92,139**	**122,540**	**21**	**42**	**11,245**	**11,522**	**33,937**	**41,485**	**900**
	Richmond County—									
1	Inverness County line to St. Peter's canal including Ile Madame	530	527	–	–	–	–	–	–	–
2	St. Peter's canal to Cape Breton County line	7	7	3	3	1	1	14	14	–
	Total quantity	537	534	3	3	1	1	14	14	–
	Total value $	5,465	6,450	21	42	10	12	84	210	–
	Cape Breton County—									
3	Richmond County line to White Point and head of East Bay	129	129	–	–	–	–	–	–	–
4	White Point to Bridgeport	191	191	–	–	–	–	–	–	–
5	Bridgeport and head of East Bay to Victoria County line	11	11	–	–	–	–	–	–	–
	Total quantity	331	331	–	–	–	–	–	–	–
	Total value $	4,275	5,317	–	–	–	–	–	–	–
	Victoria County—									
6	South of Barachois River	6	6	–	–	–	–	–	–	–
7	Barachois river to Green Cove	–	–	–	–	–	–	–	–	–
8	Green Cove to Inverness County line	–	–	–	–	–	–	–	–	–
	Total quantity	6	6	–	–	–	–	–	–	–
	Total value $	45	60	–	–	–	–	–	–	–
	Inverness County—									
9	North of Broad Cove, Scotsville and Gillander Mountain	7	7	–	–	100	100	–	–	–
10	Broad Cove, Scotsville and Gillander Mountain to Richmond County line	723	723	–	–	–	–	–	–	–
	Total quantity	730	730	–	–	100	100	–	–	–
	Total value $	7,948	7,987	–	–	700	700	–	–	–
	Cumberland County—									
11	New Brunswick line to Cape Cliff	2,207	2,207	–	–	–	–	–	–	–
12	Cape Cliff to Colchester County line	280	280	–	–	–	–	–	–	–
13	Bay of Fundy	–	–	–	–	–	–	–	–	–
	Total quantity	2,487	2,487	–	–	–	–	–	–	–
	Total value $	24,870	48,340	–	–	–	–	–	–	–
	Colchester County—									
14	Strait of Northumberland	80	80	–	–	–	–	–	–	–
15	Hants County line to Salmon River	–	–	–	–	–	–	–	–	–
16	Salmon river to Cumberland County line	–	–	–	–	–	–	–	–	–
	Total quantity	80	80	–	–	–	–	–	–	–
	Total value $	480	1,200	–	–	–	–	–	–	–
	Pictou County—									
17	Colchester county line to Pictou Harbour including Pictou Island	795	795	–	–	–	–	–	–	–
18	East of Pictou Harbour to Antigonish County line	329	329	–	–	–	–	–	–	–
	Total quantity	1,124	1,124	–	–	–	–	–	–	–
	Total value $	10,116	10,116	–	–	–	–	–	–	–
19	Antigonish County (all)—									
	Total quantity	510	510	–	–	–	–	–	–	–
	Total value $	8,568	8,568	–	–	–	–	–	–	–
	Guysborough County—									
20	Antigonish County line to New Harbour	44	44	–	–	–	–	–	–	–
21	New Harbour to Halifax County line	44	44	–	–	–	–	–	–	–
	Total quantity	88	88	–	–	–	–	–	–	–
	Total value $	737	1,028	–	–	–	–	–	–	–

I. Fish Caught and Marketed, 1919

Eels		Greyfish		Squid		Swordfish		Tom Cod		
Caught and landed	Marketed Used fresh	Caught and landed	Marketed Dried	Caught and landed	Marketed Used as bait	Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh	
cwt.	cwt.	cwt.	cwt.	bbl.	bbl.	cwt.	cwt.	cwt.	cwt.	
811	811	28	9	3,244	3,244	7,411	6,013	147	147	
6,333	7,718	28	45	10,647	14,005	96,017	97,945	259	331	
200	200	–	–	36	36	764	764	–	–	1
4	–	28	9	33	33	217	217	–	–	2
204	204	28	9	69	69	981	981	–	–	
1,036	2,040	28	45	367	444	14,796	17,230	–	–	
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	5	5	2,529	1,046	–	–	4
–	–	–	–	–	–	78	–	–	–	5
–	–	–	–	5	5	2,607	1,046	–	–	
–	–	–	–	25	30	35,362	15,690	–	–	
30	30	–	–	–	–	–	–	–	–	6
10	10	–	–	–	–	40	40	–	–	7
30	30	–	–	149	149	134	134	–	–	8
70	70	–	–	149	149	174	174	–	–	
480	580	–	–	447	447	1,810	1,890	–	–	
50	50	–	–	368	368	7	7	–	–	9
70	70	–	–	787	787	134	134	–	–	10
120	120	–	–	1,155	1,155	141	141	–	–	
567	667	–	–	4,620	4,994	2,594	2,629	–	–	
–	–	–	–	–	–	–	–	–	–	11
–	–	–	–	–	–	–	–	–	–	12
–	–	–	–	–	–	–	–	–	–	13
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	–	–	–	15
–	–	–	–	–	–	–	–	–	–	16
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	17
17	17	–	–	–	–	–	–	–	–	18
17	17	–	–	–	–	–	–	–	–	
135	135	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	19
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	786	786	2,328	2,328	–	–	20
43	43	–	–	–	–	858	858	–	–	21
43	43	–	–	786	786	3,186	3,186	–	–	
215	431	–	–	2,928	3,600	37,384	52,300	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Mixed Fish		Clams and Quahaugs		
		Caught and landed	Marketed	Caught and landed	Marketed	
			Used fresh		Used fresh	Canned
	Nova Scotia—Continued.	cwt.	cwt.	bbl.	bbl.	cases
	Totals for Province—Quantity	**437**	**437**	**6,241**	**4,382**	**1,947**
	Value $	**237**	**275**	**14,833**	**15,404**	**12,049**
	Richmond County—					
1	Inverness county line to St. Peter's Canal, including Ile Madame	–	–	–	–	–
2	St. Peter's Canal to Cape Breton county line	–	–	54	54	–
	Total quantity	–	–	54	54	–
	Total value $	–	–	162	432	–
	Cape Breton County—					
3	Richmond county line to White Point and head of East Bay	–	–	–	–	–
4	White Point to Bridgeport	–	–	–	–	–
5	Bridgeport and head of East Bay to Victoria county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Victoria County					
6	South of Barachois River	–	–	–	–	–
7	Barachois River to Green Cove	–	–	–	–	–
8	Green Cove to Inverness county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Inverness County—					
9	North of Broad Cove, Scotsville and Gillander Mountain	–	–	–	–	–
10	Broad Cove, Scotsville, and Gillander Mountain to Richmond county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Cumberland County—					
11	New Brunswick line to Cape Cliff	–	–	–	–	–
12	Cape Cliff to Colchester county line	–	–	–	–	–
13	Bay of Fundy	–	–	110	110	–
	Total quantity	–	–	110	110	–
	Total value $	–	–	265	440	–
	Colchester County—					
14	Strait of Northumberland	–	–	–	–	–
15	Hants county line to Salmon river	–	–	–	–	–
16	Salmon River to Cumberland county line	–	–	19	19	–
	Total quantity	–	–	19	19	–
	Total value $	–	–	76	95	–
	Pictou County—					
17	Colchester county line to Pictou Harbour, including Pictou Island	–	–	–	–	–
18	East of Pictou Harbour to Antigonish County line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
19	Antigonish County (all)—					
	Total quantity	–	–	–	–	
	Total value $	–	–	–	–	–
	Guysborough County—					
20	Antigonish county line to New Harbour	112	112	–	–	–
21	New Harbour to Halifax county line	–	–	60	60	–
	Total quantity	112	112	60	60	–
	Total value $	112	150	60	60	–

I. Fish Caught and Marketed, 1919

Lobsters				Mussels		Oysters		
Caught and landed	Marketed			Caught and landed	Marketed	Caught and landed	Marketed	
	Shipped in shell	Canned	Tomalley		Used fresh		Used fresh	
cwt.	cwt.	cases	cases	cwt.	cwt.	bbl.	bbl.	
192,545	**65,593**	**61,714**	**858**	**281**	**281**	**1,451**	**1,451**	
2,080,037	**346,617**	**2,019,211**	**10,649**	**197**	**281**	**7,633**	**9,075**	
3,063	1,331	808	13	–	–	20	20	1
5,820	820	2,500	25	–	–	9	9	2
8,883	2,151	3,308	38	–	–	29	29	
66,628	24,912	84,270	439	–	–	181	208	
4,062	–	2,031	181	–	–	–	–	3
11,897	7,941	1,927	23	–	–	10	10	4
4,412	18	2,197	–	–	–	–	–	5
20,371	7,959	6,155	204	–	–	10	10	
147,805	63,708	191,934	1,454	–	–	30	50	
886	–	443	–	–	–	122	122	6
2,142	64	1,039	–	–	–	–	–	7
2,198	–	1,099	–	–	–	–	–	8
5,226	64	2,581	–	–	–	122	122	
36,582	640	77,827	–	–	–	525	610	
5,578	336	2,621	13	–	–	–	–	9
8,026	912	3,557	30	–	–	570	570	10
13,604	1,248	6,178	43	–	–	570	570	
89,650	12,480	183,149	740	–	–	2,637	2,637	
2,789	867	1,295	34	–	–	160	160	11
2,980	–	1,500	45	–	–	100	100	12
76	76	–	–	–	–	–	–	13
5,845	943	2,795	79	–	–	260	260	
59,690	13,888	94,253	1,153	–	–	1,820	2,920	
–	–	–	–	–	–	30	30	14
–	–	–	–	–	–	–	–	15
–	–	–	–	–	–	–	–	16
–	–	–	–	–	–	30	30	
–	–	–	–	–	–	210	300	
9,574	–	4,787	271	–	–	–	–	17
3,480	–	2,338	45	–	–	–	–	18
13,054	–	7,125	316	–	–	–	–	
91,378	–	233,769	4,438	–	–	–	–	
10,627	105	5,234	52	–	–	390	390	19
74,389	1,050	168,780	832	–	–	1,950	1,950	
9,353	4,526	2,380	7	–	–	–	–	20
5,670	619	2,559	20	–	–	–	–	21
15,023	5,145	4,939	27	–	–	–	–	
134,599	42,243	165,388	390	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Scallops			Winkles	
		Caught and landed	Marketed		Caught and landed	Marketed
			Shelled	Canned		Used fresh
	Nova Scotia—Continued	bbl.	gal.	cases	cwt.	cwt.
	Totals for Province—Quantity	**13,676**	**25,279**	**129**	**2,074**	**2,074**
	Value $	**71,159**	**75,313**	**1,548**	**2,302**	**5,507**
	Richmond County—					
1	Inverness county line to St. Peter's canal, including Ile Madame	–	–	–	–	–
2	St. Peter's canal to Cape Breton county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Cape Breton County—					
3	Richmond county line to White Point and head of East Bay	–	–	–	–	–
4	White Point to Bridgeport	–	–	–	–	–
5	Bridgeport and head of East Bay to Victoria county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Victoria County—					
6	South of Barachois River	–	–	–	–	–
7	Barachois River to Green Cove	–	–	–	–	–
8	Green Cove to Inverness county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Inverness County—					
9	North of Broad Cove, Scotsville and Gillander Mountain	–	–	–	–	–
10	Broad Cove, Scotsville and Gillander Mountain to Richmond county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Cumberland County—					
11	New Brunswick line to Cape Cliff	–	–	–	–	–
12	Cape Cliff to Colchester county line	–	–	–	–	–
13	Bay of Fundy	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Colchester County—					
14	Strait of Northumberland	–	–	–	–	–
15	Hants county line to Salmon river	–	–	–	–	–
16	Salmon River to Cumberland county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Pictou County—					
17	Colchester county line to Pictou Harbour	–	–	–	–	–
18	East of Pictou Harbour to Antigonish county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
19	Antigonish County (all)—					
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Guysborough County—					
20	Antigonish county line to New Harbour	–	–	–	–	–
21	New Harbour to Halifax county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–

I. Fish Caught and Marketed, 1919

Hair Seals	Hair Seal Skins	Seal Oil	Fish Oil	Cod liver oil medicinal	Fish Glue	Fish Offal	Fish Bones	Fish Skins	
Caught and landed	Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	
no.	no.	gal.	gal.	gal.	gal.	ton.	cwt.	cwt.	
1,393	**1,393**	**4,539**	**186,702**	**500**	**360**	**8,474**	**1,966**	**2,977**	
2,664	**2,691**	**4,430**	**163,846**	**775**	**1,230**	**7,942**	**4,233**	**8,270**	
250	250	750	4,515	–	–	30	5	5	1
11	11	51	1,700	–	–	–	32	–	2
261	261	801	6,215	–	–	30	37	5	
517	522	827	5,110	–	–	180	106	10	
–	–	–	1,178	–	–	–	–	–	3
–	–	–	–	–	–	–	–	–	4
1,015	1,015	3,360	500	–	–	–	–	–	5
1,015	1,015	3,360	1,678	–	–	–	–	–	
2,030	2,030	3,360	1,560	–	–	–	–	–	
–	–	–	100	–	–	–	–	–	6
–	–	–	4,450	–	–	–	–	–	7
27	27	108	6,418	–	–	–	–	–	8
27	27	108	10,968	–	–	–	–	–	
27	27	108	10,986	–	–	–	–	–	
–	–	–	11,198	–	–	374	140	110	9
–	–	–	2,600	–	–	20	–	368	10
–	–	–	13,798	–	–	394	140	478	
–	–	–	11,126	–	–	1,770	31	2,088	
–	–	–	–	–	–	–	–	–	11
90	90	270	–	–	–	–	–	–	12
–	–	–	–	–	–	–	–	–	13
90	90	270	–	–	–	–	–	–	
90	112	135	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	–	–	16
–	–	–	–	–	–	–	–	–	16
–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	17
–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	18
–	–	–	–	–	–	–	–	–	
									19
–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	
–	–	–	12,783	–	–	25	–	134	20
–	–	–	2,696	–	–	–	–	33	21
–	–	–	15,479	–	–	25	–	167	
–	–	–	15,877	–	–	50	–	366	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Cod						
		Caught and landed	Marketed					
			Used fresh	Green-salted	Smoked fillets	Dried	Boneless	Canned
	Nova Scotia—Continued.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cases
	Halifax County—							
1	Guysboro County line to East Ship Harbour	10,163	100	364	–	2,808	345	–
2	West Ship Harbour to (but not including) Cole Harbour	26,100	200	3,121	–	6,559	–	–
3	Cole Harbour to Lunenburg County line	44,674	25,595	1,369	1,550	3,847	–	–
	Total quantity	80,937	25,895	4,854	1,550	13,214	345	–
	Total value $	193,174	87,240	30,269	23,250	119,351	5,500	–
4	Hants County (all)—							
	Total quantity	–	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–	–
	Lunenburg County—							
5	Halifax County line to Mahone Bay	31,757	62	–	–	10,565	–	–
6	Mahone Bay to Queens County line	838,915	–	6,500	–	261,305	11,640	–
	Total quantity	870,672	62	6,500	–	271,870	11,640	–
	Total value $	3,588,980	319	39,000	–	3,439,661	94,000	–
	Queens County							
7	Lunenburg County line to Port Medway Harbour	2,188	50	1,008	–	237	30	–
8	Port Medway Harbour to Shelburne County line	22,903	2,005	6,378	30	866	1,676	–
	Total quantity	25,091	2,055	7,386	30	1,103	1,706	–
	Total value $	74,178	9,500	42,766	450	11,297	27,301	–
	Shelburne County—							
9	Queens county line to Negro Harbour	35,749	7,747	3,407	3,450	3,049	970	–
10	Negro Harbour (inclusive) to Yarmouth County line	39,724	989	13,739	–	–	4,201	–
	Total quantity	75,473	8,736	17,146	3,450	3,049	5,171	–
	Total value $	229,640	48,601	113,804	41,850	28,981	72,057	–
11	Yarmouth County (all)—							
	Total quantity	73,211	6,624	17,971	5	3,488	4,306	–
	Total value $	183,879	32,553	113,200	79	44,378	65,167	–
	Digby County—							
12	Yarmouth County line to Weymouth	4,703	4,000	404	258	12	1,647	–
13	Weymouth to Annapolis County line, including Digby Neck	39,194	1,827	6,221	463	5,239	1,269	1,690
	Total quantity	43,897	5,827	6,625	721	5,251	2,916	1,690
	Total value $	116,980	28,157	45,767	9,271	61,098	44,076	13,520
14	Annapolis County (all)—							
	Total quantity	6,281	1,751	242	–	1,350	–	–
	Total value $	16,018	4,917	2,054	–	11,858	–	–
	Kings County—							
15	Annapolis County line to Cunard	1,989	96	–	–	631	–	–
16	Cunard to Hants County line	10	10	–	–	–	–	–
	Total quantity	1,999	106	–	–	631	–	–
	Total value $	8,036	464	–	–	8,203	–	–

I. Fish Caught and Marketed, 1919

Haddock								
Caught and landed	Marketed							
	Used fresh	Canned	Smoked	Smoked fillets	Green-salted	Dried	Boneless	
cwt.	cwt.	cases	cwt.	cwt.	cwt.	cwt.	cwt.	
540	–	–	–	–	–	186	–	1
1,486	150	–	–	–	321	233	–	2
56,971	32,115	–	7,220	–	–	3,472	–	3
58,997	32,265	–	7,220	–	321	3,891	–	
148,235	112,775	–	72,200	–	1,285	34,934	–	4
–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	
5,395	190	–	–	–	–	1,735	–	5
88,950	–	–	–	–	–	29,640	–	6
94,345	190	–	–	–	–	31,375	–	
300,033	950	–	–	–	–	299,443	–	
155	20	–	–	–	–	45	–	7
12,439	1,050	–	557	–	2,604	1,210	–	8
12,594	1,070	–	557	–	2,604	1,255	–	
37,577	3,190	–	2,678	–	11,916	11,270	–	
29,622	23,922	–	1,750	–	147	698	–	9
6,750	1,650	–	–	–	2,534	60	–	10
36,372	25,572	–	1,750	–	2,681	758	–	
120,591	125,719	–	17,341	–	14,218	6,427	–	
20,980	1,100	–	225	–	3,520	1,802	139	11
48,834	4,400	–	2,068	–	21,027	17,219	2,085	
4,185	2,000	2,132	1,524	–	–	1	–	12
31,220	10,940	4,473	7,499	–	325	1,471	–	13
35,405	12,940	6,605	9,023	–	325	1,472	–	
100,612	53,285	50,703	89,930	–	1,355	14,604	–	
7,347	4,835	–	–	–	287	646	–	14
17,904	10,438	–	–	–	1,445	5,237	–	
150	150	–	–	–	–	–	–	15
–	–	–	–	–	–	–	–	16
150	150	–	–	–	–	–	–	
450	450	–	–	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Hake and Cusk					
		Caught and landed	Marketed				
			Used fresh	Green-salted	Smoked fillets	Dried	Boneless
	Nova Scotia—Continued.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Halifax County—						
1	Guysboro County line to East Ship Harbour	32	–	–	–	13	–
2	West Ship Harbour to (but not including) Cole Harbour	–	–	–	–	–	–
3	Cole Harbour to Lunenburg County line	5,328	–	10	1,550	370	–
	Total quantity	5,360	–	10	1,550	383	–
	Total value $	10,720	–	80	23,250	3,064	–
4	Hants County (all)—Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Lunenburg County—						
5	Halifax County line to Mahone Bay	1,545	–	–	–	465	–
6	Mahone Bay to Queens County line	–	–	–	–	–	50
	Total quantity	1,545	–	–	–	465	50
	Total value $	4,635	–	–	–	4,195	300
	Queens County—						
7	Lunenburg County line to Port Medway Harbour	–	–	–	–	–	–
8	Port Medway Harbour to Shelburne County line	905	–	495	–	11	–
	Total quantity	905	–	495	–	11	–
	Total value $	1,810	–	1,875	–	99	–
	Shelburne County—						
9	Queens County line to Negro Harbour	18,876	13,000	1,821	–	465	–
10	Negro Harbour (inclusive) to Yarmouth County line	–	–	–	–	–	–
	Total quantity	18,876	13,000	1,821	–	465	–
	Total value $	36,931	45,439	10,015	–	3,705	–
11	Yarmouth County (all)—Total quantity	14,422	679	3,727	–	560	663
	Total value $	27,329	2,170	19,215	–	4,640	6,318
	Digby County—						
12	Yarmouth County line to Weymouth	–	720	438	–	1,020	69
13	Weymouth to Annapolis County line, including Digby Neck	56,283	385	17,567	1,647	6,539	117
	Total quantity	56,283	1,105	18,005	1,647	7,559	177
	Total value $	90,580	3,077	79,790	22,804	78,418	1,801
14	Annapolis County (all)—Total quantity	6,197	927	1,332	–	1,178	–
	Total value $	8,983	1,400	5,766	–	9,168	–
	Kings County—						
15	Annapolis County line to Cunard	180	–	–	–	60	–
16	Cunard to Hants County line	–	–	–	–	–	–
	Total quantity	180	–	–	–	60	–
	Total value $	450	–	–	–	480	–

I. Fish Caught and Marketed, 1919

Pollock						Tongues and Sounds	Halibut			
Caught and landed	Marketed					Marketed		Marketed		
	Used fresh	Green-salted	Canned	Dried	Boneless	Pickled or Dried	Caught and landed	Used fresh	Smoked	
cwt.	cwt.	cwt.	cases	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
951	–	–	–	366	–	–	181	235	–	1
3,024	–	613	–	395	–	–	435	435	–	2
25,260	1,500	–	–	8,420	–	40	3,109	3,109	–	3
29,235	1,500	613	–	9,181	–	40	3,725	3,779	–	
59,470	4,500	2,461	–	74,324	–	320	41,620	77,005	–	
–	–	–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	–	–	
2,400	–	–	–	800	–	–	105	105	–	5
–	–	–	–	–	–	–	1,813	1,813	–	6
2,400	–	–	–	800	–	–	1,918	1,918	–	
7,200	–	–	–	7,200	–	–	17,824	18,024	–	
3,448	–	16	–	1,144	–	–	6	6	–	7
11,108	2,215	1,815	–	2,055	–	21	1,071	1,071	–	8
14,557	2,215	1,831	–	3,199	–	21	1,077	1,077	–	
28,268	15,127	10,760	–	27,027	–	105	12,912	17,196	–	
15,513	–	1,113	–	865	–	1	609	472	–	9
9,725	100	4,963	–	156	–	–	1,355	1,429	–	10
25,238	100	6,076	–	1,021	–	1	1,964	1,901	–	
43,142	350	27,150	–	7,950	–	5	21,666	28,606	–	
9,780	197	3,728	–	1,346	65	–	8,955	8,928	8	11
19,253	1,024	15,562	–	10,912	784	–	142,895	156,987	127	
581	3,000	100	–	828	–	26	12	247	–	12
43,375	120	12,302	160	11,482	–	407	3,204	867	–	13
43,956	3,120	12,402	160	12,310	–	433	3,216	1,114	–	
70,765	9,300	50,086	1,280	113,694	–	2,762	42,090	17,657	–	
1,240	67	50	–	375	–	27	187	187	–	
2,326	100	300	–	2,625	–	95	3,191	3,191	–	14
2,081	65	–	–	672	–	–	38	38	–	15
–	–	–	–	–	–	–	–	–	–	16
2,081	65	–	–	672	–	–	38	38	–	
6,243	195	–	–	6,720	–	–	380	380	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Flounders, Brill, Plaice, etc.		Skate		Soles	
		Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh	Caught and fresh	Marketed Used fresh
	Nova Scotia—Continued	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Halifax County—						
1	Guysboro county line to East Ship Harbour	–	–	–	–	–	–
2	West Ship Harbour to (but not including) Cole Harbour	–	–	–	–	–	–
3	Cole Harbour to Lunenburg county line	1,530	1,530	995	995	52	52
	Total quantity	1,530	1,530	995	995	52	52
	Total value $	2,295	3,060	995	1,492	156	208
4	Hants County (all)—						
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Lunenburg County—						
5	Halifax county line to Mahone Bay	–	–	–	–	–	–
6	Mahone Bay to Queens county line	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Queens County—						
7	Lunenburg County line to Port Medway Harbour	–	–	–	–	–	–
8	Port Medway Harbour to Shelburne county line	50	50	15	15	–	–
	Total quantity	50	50	15	15	–	–
	Total value $	100	100	15	15	–	–
	Shelburne County—						
9	Queens county line to Negro Harbour	–	60	–	–	–	–
10	Negro Harbour (inclusive) to Yarmouth county line	–	–	–	–	–	–
	Total quantity	–	60	–	–	–	–
	Total value $	–	720	–	–	–	–
11	Yarmouth County (all)—						
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Digby County—						
12	Yarmouth county line to Weymouth	–	50	–	11	–	–
13	Weymouth to Annapolis county line, including Digby Neck	155	105	–	–	–	–
	Total quantity	155	155	–	11	–	–
	Total value $	232	426	–	22	–	–
14	Annapolis County (all)—						
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	Kings County—						
15	Annapolis county line to Cunard	–	–	–	–	–	–
16	Cunard to Hants county line	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–

I. Fish Caught and Marketed, 1919

Herring								
Caught and landed	Marketed							
	Used fresh	Boneless	Canned	Smoked	Dry-salted	Pickled	Used as bait	
cwt.	cwt.	cwt.	cases	cwt.	cwt.	bbl.	bbl.	
10,036	100	–	–	–	–	2,732	750	1
21,582	130	–	–	–	–	6,300	1,300	2
45,779	6,400	–	–	3,500	–	7,543	5,250	3
77,397	6,630	–	–	3,500	–	16,575	7,300	
93,206	14,090	–	–	35,000	–	135,702	28,650	
–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	
20,675	615	–	–	–	–	6,520	250	5
4,311	–	–	–	–	–	1,440	–	6
24,986	615	–	–	–	–	7,960	250	
29,672	922	–	–	–	–	37,942	750	
–	–	–	–	–	–	–	–	7
15,672	951	–	–	–	–	4,143	1,000	8
15,672	951	–	–	–	–	4,143	1,000	
15,672	1,651	–	–	–	–	25,858	4,000	
18,124	–	–	–	7	–	2,915	6,500	9
3,575	525	–	25	–	–	250	1,150	10
21,699	525	–	25	7	–	3,165	7,650	
17,250	780	–	125	62	–	21,900	29,450	
12,076	1,040	60	–	1,040	–	99	2,707	11
11,929	2,080	840	–	4,700	–	699	6,767	
364	500	–	43	212	–	45	–	12
13,032	250	120	5,493	1,185	–	112	1,800	13
13,396	750	120	5,536	1,397	–	157	1,800	
9,328	2,300	1,800	34,206	8,513	–	1,250	5,500	
5,374	724	–	–	180	–	904	788	14
8,162	1,086	–	–	900	–	6,328	2,758	
2,944	326	–	–	260	–	436	395	15
–	–	–	–	–	–	–	–	16
2,944	326	–	–	260	–	436	395	
2,944	326	–	–	2,600	–	4,360	790	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Mackerel				Alewives			
		Caught and landed	Marketed			Caught and landed	Marketed		
			Used fresh	Canned	Salted		Used fresh	Salted	Smoked
	Nova Scotia—Continued.	cwt.	cwt.	cases	bbl.	cwt.	cwt.	bbl.	cwt.
	Halifax County—								
1	Guysboro county line to East Ship Harbour.	2,370	190	–	700	30	30	–	–
2	West Ship Harbour to (but not including) Cole Harbour	2,634	25	–	970	380	40	112	–
3	Cole Harbour to Lunenburg county line	35,992	28,423	–	2,523	255	255	–	–
	Total quantity	40,996	28,638	–	4,193	665	325	112	–
	Total value $	382,570	332,281	–	106,312	1,695	975	1,120	–
4	Hants County (all)—Total quantity	–	–	–	–	2,400	2,400	–	–
	Total value $	–	–	–	–	4,800	6,240	–	–
	Lunenburg County—								
5	Halifax county line to Mahone Bay	7,965	7,170	–	265	–	–	–	–
6	Mahone Bay to Queens county line	1,140	843	–	99	–	–	–	–
	Total quantity	9,105	8,013	–	364	–	–	–	–
	Total value $	56,433	55,248	–	8,110	–	–	–	–
	Queens County—								
7	Lunenburg county line to Port Medway Harbour	473	473	–	–	1,240	320	20	430
8	Port Medway Harbour to Shelburne county line	4,206	1,052	–	953	500	105	135	–
	Total quantity	4,679	1,525	–	953	1,740	425	155	430
	Total value $	37,432	14,304	–	14,380	4,720	1,167	1,510	2,580
	Shelburne County—								
9	Queens County line to Negro Harbour	3,003	352	–	68	298	298	–	–
10	Negro Harbour (inclusive) to Yarmouth county line	10,475	2,520	560	2,506	150	150	–	–
	Total quantity	13,478	2,872	560	2,574	448	448	–	–
	Total value $	63,108	24,434	4,010	38,935	896	896	–	–
11	Yarmouth County (all)—Total quantity	14,217	14,605	–	230	2,674	1,999	220	75
	Total value $	52,331	62,318	–	3,145	4,178	3,998	1,764	22
	Digby County—								
12	Yarmouth county line to Weymouth	–	3,488	–	29	24	–	–	–
13	Weymouth to Annapolis county line, including Digby Neck	3,564	2,029	760	855	–	–	–	113
	Total quantity	3,564	5,517	760	884	24	–	–	113
	Total value $	7,994	43,863	5,880	10,860	24	–	–	1,130
14	Annapolis County (all)—Total quantity	1,824	1,368	–	152	19	19	–	–
	Total value $	15,950	13,680	–	3,040	95	95	–	–
	Kings County—								
15	Annapolis County line to Cunard	1,799	1,124	–	225	–	–	–	–
16	Cunard to Hants county line	–	–	–	–	1,010	1,010	–	–
	Total quantity	1,799	1,124	–	225	1,010	1,010	–	–
	Total value $	17,990	11,240	–	4,500	4,040	4,040	–	–

I. Fish Caught and Marketed, 1919

Bass		Salmon				Shad			
Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Marketed: Canned	Marketed: Smoked	Caught and landed	Marketed: Used fresh	Marketed: Salted	
cwt.	cwt.	cwt.	cwt.	cases	cwt.	cwt.	cwt.	bbl.	
–	–	36	38	–	4	–	–	–	1
–	–	19	19	–	–	–	–	–	2
–	–	291	291	–	–	–	–	–	3
–	–	346	348	–	4	–	–	–	
–	–	5,380	7,738	–	120	–	–	–	
20	20	280	280	–	–	–	–	–	4
300	400	5,600	7,400	–	–	–	–	–	
–	–	20	20	–	–	–	–	–	5
–	–	81	81	–	–	–	–	–	6
–	–	101	101	–	–	–	–	–	
–	–	1,910	2,350	–	–	–	–	–	
–	–	92	92	–	–	10	10	–	7
–	–	48	48	–	–	40	40	–	8
–	–	140	140	–	–	50	50	–	
–	–	4,240	4,240	–	–	450	450	–	
–	–	22	22	–	–	–	–	–	9
–	–	–	–	–	–	–	–	–	10
–	–	22	22	–	–	–	–	–	
–	–	440	440	–	–	–	–	–	
–	–	34	34	–	–	–	–	–	11
–	–	1,140	1,156	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	12
–	–	16	16	–	–	–	–	–	13
–	–	16	16	–	–	–	–	–	
–	–	400	400	–	–	–	–	–	
7	7	98	98	–	–	–	–	–	14
70	70	2,640	2,640	–	–	–	–	–	
–	–	344	344	–	–	–	–	–	15
–	–	22	22	–	–	–	–	–	16
–	–	366	366	–	–	–	–	–	
–	–	9,040	9,040	–	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Smelts		Trout		Albacore		
		Caught and landed	Marketed	Caught and landed	Marketed	Caught and landed	Marketed	
			Used fresh		Used fresh		Used fresh	Canned
	Nova Scotia—Continued	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cases
	Halifax County—							
1	Guysboro county line to East Ship Harbour	100	100	10	10	–	–	–
2	West Ship Harbour to (but not including) Cole Harbour	1,276	1,276	10	10	–	–	–
3	Cole Harbour to Lunenburg county line	40	40	16	16	5,900	5,900	–
	Total quantity	1,416	1,416	36	36	5,900	5,900	–
	Total value $	11,608	14,660	400	620	23,600	29,500	–
4	Hants County (all)—							
	Total quantity	–	–	5	5	–	–	–
	Total value $	–	–	75	100	–	–	–
	Lunenburg County—							
5	Halifax county line to Mahone Bay	129	129	–	–	926	926	–
6	Mahone Bay to Queens county line	173	173	–	–	–	–	–
	Total quantity	302	302	–	–	926	926	–
	Total value $	5,272	6,040	–	–	5,550	6,482	–
	Queens County—							
7	Lunenburg county line to Port Medway Harbour	8	8	70	70	–	–	–
8	Port Medway Harbour to Shelburne county line	45	45	100	100	15	16	–
	Total quantity	53	53	170	170	15	16	–
	Total value $	530	530	1,840	1,840	75	80	–
	Shelburne County—							
9	Queens county line to Negro Harbour	121	121	5	5	249	150	100
10	Negro Harbour (inclusive) to Yarmouth county line	–	–	–	–	114	114	–
	Total quantity	121	121	5	5	363	264	100
	Total value $	1,815	1,815	100	100	2,468	2,492	900
11	Yarmouth County (all)—							
	Total quantity	259	261	2	2	204	236	–
	Total value $	4,178	4,197	50	50	2,040	2,521	–
	Digby County—							
12	Yarmouth county line to Weymouth	–	7	15	15	–	16	–
13	Weymouth to Annapolis county line including Digby Neck	294	287	65	65	40	24	–
	Total quantity	294	294	80	80	40	40	–
	Total value $	6,039	6,039	770	800	120	200	–
14	Annapolis County (all)—							
	Total quantity	19	19	310	310	–	–	–
	Total value $	193	193	6,200	6,200	–	–	–
	Kings County—							
15	Annapolis county line to Cunard	–	–	10	10	–	–	–
16	Cunard to Hants county line	–	–	50	50	–	–	–
	Total quantity	–	–	60	60	–	–	–
	Total value $	–	–	1,100	1,100	–	–	–

I. Fish Caught and Marketed, 1919

Eels		Greyfish		Squid		Swordfish		Tom Cod		
Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Dried	Caught and landed	Marketed: Used as bait	Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	
cwt.	cwt.	cwt.	cwt.	bbl.	bbl.	cwt.	cwt.	cwt.	cwt.	
–	–	–	–	–	–	20	20	–	–	1
–	–	–	–	–	–	19	19	–	–	2
15	15	–	–	730	730	93	93	–	–	3
15	15	–	–	730	730	132	132	–	–	
30	45	–	–	1,460	3,390	1,371	2,501	–	–	
–	–	–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	5
–	–	–	–	–	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	
40	40	–	–	–	–	–	–	–	–	7
110	110	–	–	50	50	110	110	–	–	8
150	150	–	–	50	50	110	110	–	–	
1,760	1,760	–	–	200	200	1,650	1,650	–	–	
25	25	–	–	–	–	65	120	–	–	9
–	–	–	–	–	–	–	–	–	–	10
25	25	–	–	–	–	65	120	–	–	
250	250	–	–	–	–	780	2,040	–	–	
50	50	–	–	–	–	15	16	5	5	1
750	750	–	–	–	–	270	305	30	30	
20	95	–	–	–	–	–	107	4	4	12
75	–	–	–	300	300	–	–	120	120	13
95	95	–	–	300	300	–	107	124	124	
1,000	950	–	–	600	900	–	1,710	188	260	
										14
22	22	–	–	–	–	–	–	18	18	
110	110	–	–	–	–	–	–	41	41	
–	–	–	–	–	–	–	–	–	–	15
–	–	–	–	–	–	–	–	–	–	16
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Mixed Fish		Clams and Quahaugs		
		Caught and landed	Marketed	Caught and landed	Marketed	
			Used Fresh		Used Fresh	Canned
	Nova Scotia—Continued	cwt.	cwt.	bbl.	bbl.	cases
	Halifax County—					
1	Guysboro county line to East Ship Harbour	–	–	4	4	–
2	West Ship Harbour to (but not including) Cole Harbour	–	–	1,073	1,073	–
3	Cole Harbour to Lunenburg county line	–	–	672	672	–
	Total quantity	–	–	1,749	1,749	–
	Total value $	–	–	7,259	8,607	–
4	Hants County (all)—Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Lunenburg County—					
5	Halifax county line to Mahone Bay	–	–	–	–	–
6	Mahone Bay to Queens county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Queens County—					
7	Lunenburg county line to Port Medway Harbour	–	–	19	19	–
8	Port Medway Harbour to Shelburne county line	–	–	50	50	–
	Total quantity	–	–	69	69	–
	Total value $	–	–	345	345	–
	Shelburne County—					
9	Queens county line to Negro Harbour	–	–	248	248	–
10	Negro Harbour (inclusive) to Yarmouth county line	–	–	–	–	–
	Total quantity	–	–	248	248	–
	Total value $	–	–	309	744	–
11	Yarmouth County (all)—Total quantity	–	–	10	–	–
	Total value $	–	–	22	–	–
	Digby County—					
12	Yarmouth county line to Weymouth	–	–	214	–	–
13	Weymouth to Annapolis county line, including Digby Neck	300	300	2,859	1,224	1,947
	Total quantity	300	300	3,073	1,224	1,947
	Total value $	75	75	4,714	3,060	12,049
14	Annapolis County (all)—Total quantity	25	25	634	634	–
	Total value $	50	50	961	961	–
	Kings County—					
15	Annapolis county line to Cunard	–	–	200	200	–
16	Cunard to Hants county line	–	–	15	15	–
	Total quantity	–	–	215	215	–
	Total value $	–	–	660	660	–

I. Fish Caught and Marketed, 1919

Lobsters				Mussels		Oysters		
Caught and landed	Marketed			Caught and landed	Marketed	Caught and landed	Marketed	
	Shipped in shell	Canned	Tomalley		Used fresh		Used fresh	
cwt.	cwt.	cases	cases	cwt.	cwt.	bbl.	bbl.	
3,030	336	1,506	5	–	–	–	–	1
1,169	643	575	–	–	–	40	40	2
9,370	5,540	190	–	–	–	–	–	3
13,569	6,519	2,271	5	–	–	40	40	
182,708	115,741	75,144	75	–	–	280	400	
–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	
2,048	1,162	443	15	–	–	–	–	5
2,830	1,979	426	–	–	–	–	–	6
4,878	3,141	869	15	–	–	–	–	
48,861	40,002	26,220	300	–	–	–	–	
1,257	252	–	–	–	–	–	–	7
5,206	2,304	1,098	15	–	–	–	–	8
6,463	2,556	1,098	15	–	–	–	–	
67,862	39,860	35,798	180	–	–	–	–	
12,708	7,656	2,520	–	–	–	–	–	9
15,789	8,352	3,279	20	–	–	–	–	10
28,497	16,008	5,799	20	–	–	–	–	
372,503	214,377	198,781	240	–	–	–	–	
38,341	15,858	11,228	44	–	–	–	–	11
566,602	285,916	407,907	408	–	–	–	–	
3,286	951	571	–	–	–	–	–	12
3,435	1,502	1,563	–	281	281	–	–	13
6,721	2,453	2,134	–	281	281	–	–	
111,181	57,725	75,991	–	197	281	–	–	
1,253	1,253	–	–	–	–	–	–	14
24,849	29,325	–	–	–	–	–	–	
190	190	–	–	–	–	–	–	15
–	–	–	–	–	–	–	–	16
190	190	–	–	–	–	–	–	
4,750	4,750	–	–	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Scallops			Winkles	
		Caught and landed	Marketed		Caught and landed	Marketed
			Shelled	Canned		Used fresh
	Nova Scotia—Concluded	bbl.	gal.	cases	cwt.	cwt.
	Halifax County—					
1	Guysboro county line to East Ship Harbour	–	–	–	–	–
2	West Ship Harbour to (but not including) Cole Harbour	–	–	–	–	–
3	Cole Harbour to Lunenburg county line	–	–	–	7	7
	Total quantity	–	–	–	7	7
	Total value $	–	–	–	42	56
4	Hants County (all)—					
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Lunenburg County—					
5	Halifax county line to Mahone Bay	10,246	20,171	129	–	–
6	Mahone Bay to Queens county line	3,430	5,108	–	–	–
	Total quantity	13,676	25,279	129	–	–
	Total value $	71,159	75,313	1,548	–	–
	Queens County—					
7	Lunenburg county line to Port Medway Harbour	–	–	–	–	–
8	Port Medway Harbour to Shelburne county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Shelburne County—					
9	Queens county line to Negro Harbour	–	–	–	–	–
10	Negro Harbour (inclusive) to Yarmouth county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
11	Yarmouth County (all)—					
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Digby County—					
12	Yarmouth county line to Weymouth	–	–	–	–	–
13	Weymouth to Annapolis county line including Digby Neck	–	–	–	2,067	2,067
	Total quantity	–	–	–	2,067	2,067
	Total value $	–	–	–	2,260	5,451
14	Annapolis County (all)—					
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Kings County—					
15	Annapolis county line to Cunard	–	–	–	–	–
16	Cunard to Hants county line	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–

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I. Fish Caught and Marketed, 1919

Hair Seals	Hair Seal Skins	Seal Oil	Fish Oil	Cod liver oil medicinal	Fish Glue	Fish Offal	Fish Bones	Fish Skins	
Caught and landed	Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	
no.	no.	gal.	gal.	gal.	gal.	ton	cwt.	cwt.	
–	–	–	2,240	–	–	–	–	–	1
–	–	–	8,390	–	–	–	–	–	2
–	–	–	41,961	–	–	100	–	–	3
–	–	–	52,591	–	–	100	–	–	
–	–	–	42,357	–	–	350	–	–	
									4
–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	
–	–	–	1,000	–	–	–	–	–	5
–	–	–	23,712	–	–	50	–	30	6
–	–	–	24,712	–	–	50	–	30	
–	–	–	18,166	–	–	900	–	1,800	
–	–	–	1,890	–	–	–	–	–	7
–	–	–	1,860	–	–	–	320	128	8
–	–	–	3,750	–	–	–	320	128	
–	–	–	2,436	–	–	–	166	320	
–	–	–	2,052	–	–	300	150	200	9
–	–	–	9,077	–	–	–	90	240	10
–	–	–	11,129	–	–	300	240	440	
–	–	–	10,877	–	–	900	445	1,004	
–	–	–	5,656	–	–	7,209	760	488	11
–	–	–	4,876	–	–	1,316	258	1,119	
–	–	–	7,938	–	–	55	350	325	12
–	–	–	30,321	–	360	145	119	916	13
–	–	–	38,259	500	360	200	469	1,241	
–	–	–	38,190	775	1,230	940	3,227	1,563	
–	–	–	2,317	–	–	16	–	–	14
–	–	–	2,225	–	–	36	–	–	
–	–	–	150	–	–	150	–	–	15
–	–	–	–	–	–	–	–	–	16
–	–	–	150	–	–	150	–	–	
–	–	–	60	–	–	1,500	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Cod				
		Caught and landed	Marketed			
			Used fresh	Green-salted	Dried	Boneless
	NEW BRUNSWICK—SEA FISHERIES	cwt.	cwt.	cwt.	cwt.	cwt.
	Total Sea Fisheries for Province—Quantity	**161,005**	**17,651**	**19,710**	**35,435**	**960**
	Value $	**672,022**	**111,564**	**174,298**	**449,738**	**14,115**
	Charlotte County—					
1	International boundary line to Back Bay	468	695	–	466	30
2	Back Bay to St. John county line	1,630	–	620	148	59
3	Campobello and Deer Islands	3,900	1,500	154	700	–
4	Grand Manan	12,400	900	5,497	200	–
	Total quantity	18,398	3,095	6,271	1,514	89
	Total value $	54,992	12,789	36,613	15,806	1,572
5	St. John County (all)—					
	Total quantity	142	780	96	37	611
	Total value $	568	3,870	812	320	8,995
6	Albert County (all)—					
	Total quantity	4	4	–	–	–
	Total value $	20	20	–	–	–
	Westmorland County—					
7	Bay of Fundy	187	125	31	–	–
8	Kent County line to Shemogue	400	400	–	–	–
9	Shemogue to Nova Scotia line	–	–	–	–	–
	Total quantity	587	525	31	–	–
	Total value $	2,935	3,800	310	–	–
	Kent County—					
10	Westmorland county line to Cocagne	–	–	–	–	–
11	Cocagne to Chockfish River	1,000	–	333	–	–
12	Chockfish River to Northumberland county line	2,995	1,110	–	65	–
	Total quantity	3,995	1,110	333	65	–
	Total value $	19,975	6,140	3,663	845	–
	Northumberland County—					
13	Kent county line to Bay du Vin	1,361	453	–	–	–
14	Northwest and Southwest Miramichi River	–	–	–	–	–
15	Bay du Vin to Point au Car	49	40	3	–	–
16	Point au Car to Nelson and Newcastle to Gloucester county line	1,529	79	322	210	80
	Total quantity	2,939	572	325	210	80
	Total value $	14,695	4,004	3,581	2,730	1,208
	Gloucester County—					
17	Northumberland county line to Tracadie Gully	2,410	249	–	720	–
18	Tracadie Gully to Shippegan	2,600	–	200	743	–
19	Shippegan and Miscou Islands	40,398	–	–	13,398	180
20	Lower Caraquet to Mizonette Point	52,865	–	–	18,600	–
21	Mizonette Point to Tetagouche River	32,670	10,780	10,946	–	–
22	Tetagouche River to Restigouche county line	3,272	211	1,358	115	–
	Total quantity	134,215	11,240	12,504	33,576	180
	Total value $	575,212	78,666	127,669	429,608	2,340
23	Restigouche County (all)—					
	Total quantity	725	325	150	33	–
	Total value $	3,625	2,275	1,650	429	–

I. Fish Caught and Marketed, 1919

Haddock				Hake and Cusk						
Caught and landed	Marketed			Caught and landed	Marketed					
	Used fresh	Green-salted	Dried		Used fresh	Green-salted	Dried	Boneless	Smoked fillets	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
6,105	**5,529**	**20**	**558**	**110,145**	**639**	**37,909**	**7,500**	**1,741**	**45**	
22,541	**27,260**	**100**	**5,938**	**217,730**	**1,477**	**152,538**	**58,833**	**21,750**	**1,170**	
782	1,890	–	–	758	559	130	437	1	–	1
290	290	–	–	27,400	–	10,780	1,693	291	–	2
3,200	3,200	–	–	10,000	–	3,145	1,500	–	–	3
130	–	20	40	47,540	–	20,305	–	–	–	4
4,402	5,380	20	40	85,698	559	34,360	3,630	292	–	
17,283	26,366	100	240	152,317	997	139,365	25,922	4,091	–	
–	–	–	–	11,010	–	3,509	161	1,449	45	5
–	–	–	–	13,762	–	12,933	1,102	17,659	1,170	
–	–	–	–	–	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
–	–	–	–	130	–	–	–	–	–	9
–	–	–	–	130	–	–	–	–	–	
–	–	–	–	520	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	10
–	–	–	–	–	–	–	–	–	–	11
49	49	–	–	11,130	30	40	3,000	–	–	12
49	49	–	–	11,130	30	40	3,000	–	–	
196	294	–	–	44,520	180	240	24,000	–	–	
–	–	–	–	–	–	–	–	–	–	13
–	–	–	–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	–	–	–	15
–	–	–	–	30	–	–	10	–	–	16
–	–	–	–	30	–	–	10	–	–	
–	–	–	–	120	–	–	120	–	–	
–	–	–	–	–	–	–	–	–	–	17
–	–	–	–	300	–	–	100	–	–	18
–	–	–	–	–	–	–	–	–	–	19
1,554	–	–	518	1,797	–	–	599	–	–	20
–	–	–	–	–	–	–	–	–	–	21
–	–	–	–	–	–	–	–	–	–	22
1,554	–	–	518	2,097	–	–	699	–	–	
4,662	–	–	5,698	6,291	–	–	7,689	–	–	
100	100	–	–	50	50	–	–	–	–	23
400	600	–	–	200	300	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Pollock				Tongues and Sounds	Halibut		Flounders, Brill, Plaice, etc.	
		Caught and landed	Marketed			Marketed	Caught and landed	Marketed	Caught and landed	Marketed
			Used fresh	Green-salted	Dried	Pickled or Dried		Used Fresh		Used Fresh
	NEW BRUNSWICK SEA FISHERIES—Continued	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Total Sea Fisheries for Province—									
	Quantity	**78,561**	**6,104**	**15,025**	**9,133**	**190**	**198**	**60**	**1,697**	**1,446**
	Value $	**159,912**	**12,485**	**75,494**	**64,886**	**2,284**	**4,555**	**1,145**	**3,714**	**4,419**
	Charlotte County—									
1	International Boundary line to Back Bay	3,5 7	554	75	702	–	–	–	230	149
2	Back Bay to St. John County line	2,024	–	1,102	608	109	–	–	40	40
3	Campobello and Deer Islands	29,600	–	2,178	6,923	–	7	7	50	50
4	Grand Manan	43,380	5,550	11,670	900	40	155	23	–	–
	Total quantity	78,561	6,104	15,025	9,133	149	162	30	320	239
	Total value $	159,912	12,485	75,494	64,886	1,094	4,015	545	960	738
5	St. John County (all)—									
	Total quantity	–	–	–	–	–	–	–	–	50
	Total value $	–	–	–	–	–	–	–	–	400
6	Albert County (all)—									
	Total quantity	–	–	–	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–	–	–	–
	Westmorland County—									
7	Bay of Fundy	–	–	–	–	–	–	–	–	–
8	Kent County line to Shemogue	–	–	–	–	–	–	–	260	260
9	Shemogue to Nova Scotia line	–	–	–	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–	–	260	260
	Total value $	–	–	–	–	–	–	–	520	780
	Kent County—									
10	Westmorland County line to Cocagne	–	–	–	–	–	–	–	–	–
11	Cocagne to Chockfish River	–	–	–	–	–	–	–	100	100
12	Chockfish River to Northumberland County line	–	–	–	–	41	6	–	220	–
	Total quantity	–	–	–	–	41	6	–	320	100
	Total value $	–	–	–	–	1,190	90	–	640	300
	Northumberland County—									
13	Kent County line to Bay du Vin	–	–	–	–	–	–	–	–	–
14	Northwest and Southwest Miramichi River	–	–	–	–	–	–	–	–	–
15	Bay du Vin to Point au Car	–	–	–	–	–	–	–	7	7
16	Point au Car to Nelson and Newcastle to Gloucester County line	–	–	–	–	–	–	–	190	190
	Total quantity	–	–	–	–	–	–	–	197	197
	Total value $	–	–	–	–	–	–	–	394	401
	Gloucester County—									
17	Northumberland County line to Tracadie Gully	–	–	–	–	–	–	–	–	–
18	Tracadie Gully to Shippegan	–	–	–	–	–	–	–	–	–
19	Shippegan and Miscou Islands	–	–	–	–	–	30	30	–	–
20	Lower Caraquet to Mizonette Point	–	–	–	–	–	–	–	–	–
21	Mizonette Point to Tetagouche river	–	–	–	–	–	–	–	–	–
22	Tetagouche River to Restigouche County line	–	–	–	–	–	–	–	–	–
	Total quantity)	–	–	–	–	–	30	30	–	–
	Total value $	–	–	–	–	–	450	600	–	–
23	Restigouche County (all)—									
	Total quantity	–	–	–	–	–	–	–	600	600
	Total value $	–	–	–	–	–	–	–	1,200	1,800

I. Fish Caught and Marketed, 1919

Soles	Skate		Herring									
Marketed	Caught and landed	Marketed	Caught and landed	Marketed								
Used Fresh		Used Fresh		Used Fresh	Boneless	Canned	Smoked	Dry-salted	Pickled	Used as bait	Fertil'r.	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cases	cwt.	cwt.	bbl.	bbl.	bbl.	
83	**70**	**900**	**277,193**	**8,532**	**1,210**	**1,276**	**63,048**	**2,600**	**9,280**	**41,017**	**17,220**	
335	**210**	**3,532**	**235,620**	**24,290**	**19,275**	**6,061**	**293,636**	**25,500**	**63,290**	**67,336**	**17,720**	
83	–	830	2,686	365	–	–	1,943	–	–	–	–	1
–	–	–	9,370	–	60	1,276	2,168	–	–	1,001	1,000	2
–	70	70	2,000	–	–	–	200	–	–	1,000	–	3
–	–	–	86,000	1,400	1,150	–	33,310	–	–	12,000	–	4
83	70	900	100,056	1,765	1,210	1,276	37,621	–	–	14,001	1,000	
335	210	3,532	59,673	2,176	19,275	6,061	157,657	–	–	16,503	1,500	
–	–	–	–	715	–	–	200	–	–	–	–	5
–	–	–	–	4,293	–	–	2,000	–	–	–	–	
–	–	–	10	10	–	–	–	–	–	–	–	6
–	–	–	50	50	–	–	–	–	–	–	–	
–	–	–	4,100	750	–	–	1,375	–	200	–	–	7
–	–	–	63,700	460	–	–	4,070	–	3,000	10,650	12,400	8
–	–	–	39,300	–	–	–	19,749	–	–	–	–	9
–	–	–	107,100	1,210	–	–	25,194	–	3,200	10,650	12,400	
–	–	–	105,870	1,905	–	–	133,814	–	23,400	21,300	12,400	
–	–	–	1,200	200	–	–	–	–	–	500	–	10
–	–	–	800	–	–	–	–	–	750	175	–	11
–	–	–	11,851	1,250	–	–	–	–	1,100	1,700	150	12
–	–	–	13,851	1,450	–	–	–	–	1,850	2,375	150	
–	–	–	13,851	6,000	–	–	–	–	9,950	5,550	150	
–	–	–	5,517	172	–	–	–	–	115	1,500	1,000	13
–	–	–	–	–	–	–	–	–	–	–	–	14
–	–	–	2,74	520	–	–	–	–	105	803	–	15
–	–	–	7,901	140	–	–	33	–	505	2,640	450	16
–	–	–	16,164	832	–	–	33	–	725	4,943	1,450	
–	–	–	16,164	2,216	–	–	165	–	5,075	9,886	1,450	
–	–	–	900	–	–	–	–	–	100	150	150	17
–	–	–	4,600	2,000	–	–	–	–	500	550	–	18
–	–	–	23,197	–	–	–	–	2,350	2,330	6,148	–	19
–	–	–	8,040	–	–	–	–	–	300	2,000	1,570	20
–	–	–	690	150	–	–	–	–	180	–	–	21
–	–	–	300	300	–	–	–	–	–	–	–	22
–	–	–	37,727	2,450	–	–	–	2,350	3,410	8,848	1,720	
–	–	–	37,727	7,350	–	–	–	24,000	24,200	13,697	1,720	
–	–	–	2,285	100	–	–	–	250	95	200	500	23
–	–	–	2,285	300	–	–	–	1,500	665	400	500	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Mackerel				Sardines		
			Marketed				Marketed	
		Caught and landed	Used fresh	Canned	Salted	Caught and landed	Canned	Sold fresh and salted
	NEW BRUNSWICK SEA FISHERIES—Continued	cwt.	cwt.	cases	bbl.	bbl.	cases	bbl.
	Total Sea Fisheries for Province—Quantity	**22,392**	**22,499**	**1**	**66**	**214,510**	**119,225**	**187,722**
	Value $	**134,352**	**266,368**	**10**	**1,228**	**276,565**	**593,811**	**236,083**
	Charlotte County—							
1	International Boundary line to Back Bay	–	–	–	–	50,682	–	50,682
2	Back Bay to St. John County line	–	–	–	–	33,428	119,225	6,240
3	Campobello and Deer Islands	–	–	–	–	40,000	–	40,000
4	Grand Manan	–	–	–	–	73,000	–	73,000
	Total quantity	–	–	–	–	197,110	119,225	169,922
	Total value $	–	–	–	–	259,165	593,811	218,383
5	St. John County (all)—							
	Total quantity	–	50	–	–	17,400	–	17,800
	Total value $	–	650	–	–	17,400	–	17,700
6	Albert County (all)—							
	Total quantity	–	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–	–
	Westmorland County—							
7	Bay of Fundy	–	–	–	–	–	–	–
8	Kent County line to Shemogue	440	440	–	–	–	–	–
9	Shemogue to Nova Scotia line	–	–	–	–	–	–	–
	Total quantity	440	440	–	–	–	–	–
	Total value $	2,640	5,280	–	–	–	–	–
	Kent County—							
10	Westmorland County line to Cocagne	–	–	–	–	–	–	–
11	Cocagne to Chockfish River	15	15	–	–	–	–	–
12	Chockfish River to Northumberland County line	9,970	9,970	–	–	–	–	–
	Total quantity	9,985	9,985	–	–	–	–	–
	Total value $	59,910	119,100	–	–	–	–	–
	Northumberland County—							
13	Kent County line to Bay du Vin	1,480	1,613	–	21	–	–	–
14	Northwest and Southwest Miramichi River	–	–	–	–	–	–	–
15	Bay du Vin to Point au Car	76	76	–	5	–	–	–
16	Point au Car to Nelson and Newcastle to Gloucester County line	320	302	–	6	–	–	–
	Total quantity	1,876	1,991	–	32	–	–	–
	Total value $	11,256	23,896	–	576	–	–	–
	Gloucester County—							
17	Northumberland County line to Tracadie Gully	1,435	1,435	–	–	–	–	–
18	Tracadie Gully to Shippegan	6,030	6,030	–	–	–	–	–
19	Shippegan and Miscou Islands	2,016	2,016	1	–	–	–	–
20	Lower Caraquet to Mizonette Point	325	325	–	–	–	–	–
21	Mizonette Point to Tetagouche River	17	17	–	–	–	–	–
22	Tetagouche River to Restigouche County line	193	133	–	20	–	–	–
	Total quantity	10,016	9,956	1	20	–	–	–
	Total value $	60,096	116,602	10	400	–	–	–
23	Restigouche county (all)—							
	Total quantity	75	77	–	14	–	–	–
	Total value $	450	840	–	252	–	–	–

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I. Fish Caught and Marketed, 1919

Alewives				Bass		Salmon		
	Marketed				Marketed		Marketed	
Caught and landed	Used fresh	Salted	Smoked	Caught and landed	Used fresh	Caught and landed	Used fresh	
cwt.	cwt.	bbl.	cwt.	cwt.	cwt.	cwt.	cwt.	
55,760	**4,948**	**16,544**	**1,321**	**731**	**721**	**9,307**	**10,000**	
94,170	**13,429**	**158,875**	**15,286**	**8,772**	**12,503**	**154,207**	**170,486**	
–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	
33,490	2,250	10,020	1,321	–	13	960	1,640	5
50,235	4,500	99,694	15,286	–	234	28,800	30,453	
–	–	–	–	–	–	10	10	6
–	–	–	–	–	–	250	250	
1,210	745	155	–	–	–	–	–	7
300	300	–	–	50	50	–	–	8
660	660	–	–	–	–	–	–	9
2,170	1,705	155	–	50	50	–	–	
3,735	4,957	1,860	–	600	750	–	–	
–	–	–	–	–	–	–	–	10
500	500	–	–	50	50	–	–	11
5,620	25	1,865	–	340	340	869	882	12
6,120	525	1,865	–	390	390	869	882	
12,240	2,100	16,785	–	4,680	7,550	13,035	15,223	
105	–	35	–	80	80	1,815	1,815	13
4,486	46	1,480	–	50	50	1,010	1,010	14
910	10	300	–	27	27	422	422	15
3,829	112	1,239	–	12	12	552	552	16
9,330	168	3,054	–	169	169	3,799	3,799	
18,660	672	27,486	–	2,028	2,535	57,080	62,563	
4,500	150	1,450	–	90	87	41	41	17
150	150	–	–	–	–	500	500	18
–	–	–	–	20	–	–	–	19
–	–	–	–	–	–	–	–	20
–	–	–	–	–	–	60	60	21
–	–	–	–	–	–	1,250	1,250	22
4,650	300	1,450	–	110	87	1,851	1,851	
9,300	1,200	13,050	–	1,320	1,290	27,765	31,467	
–	–	–	–	12	12	1,818	1,818	23
–	–	–	–	144	144	27,277	30,530	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Shad			Smelts		Sturgeon	
		Caught and landed	Marketed		Caught and landed	Marketed	Caught and landed	Marketed
			Used Fresh	Salted		Used Fresh		Used Fresh.
	New Brunswick Sea Fisheries—Continued	cwt.	cwt.	bbl.	cwt.	cwt.	cwt.	cwt.
	Total Sea Fisheries for Province—Quantity	**877**	**827**	**17**	**54,963**	**55,429**	**20**	**20**
	Value ....$	**3,508**	**8,180**	**255**	**440,292**	**611,839**	**100**	**100**
	Charlotte County—							
1	International Boundary line to Back Bay.....	–	–	–	109	615	–	–
2	Back Bay to St. John county line.....	–	–	–	–	–	–	–
3	Campobello and Deer Islands.....	–	–	–	15	15	–	–
4	Grand Manan.....	–	–	–	–	–	–	–
	Total quantity.....	–	–	–	124	630	–	–
	Total value.....$	–	–	–	1,240	5,530	–	–
5	St. John County (all)—							
	Total quantity.....	–	–	–	–	–	–	–
	Total value.....$	–	–	–	–	–	–	–
6	Albert County (all)—							
	Total quantity.....	–	–	–	–	–	–	–
	Total value.....$	–	–	–	–	–	–	–
	Westmorland County—							
7	Bay of Fundy.....	–	–	–	–	–	20	20
8	Kent County line to Shemogue.....	–	–	–	3,040	3,000	–	–
9	Shemogue to Nova Scotia line.....	–	–	–	4,130	4,130	–	–
	Total quantity.....	–	–	–	7,170	7,130	20	20
	Total value.....$	–	–	–	57,360	82,930	100	100
	Kent County—							
10	Westmorland county line to Cocagne.....	–	–	–	1,880	1,880	–	–
11	Cocagne to Chockfish River.....	–	–	–	3,321	3,321	–	–
12	Chockfish River to Northumberland county line.....	212	212	–	5,971	6,971	–	–
	Total quantity.....	212	212	–	12,172	12,172	–	–
	Total value.....$	848	2,120	–	97,376	132,892	–	–
	Northumberland County—							
13	Kent County line to Bay du Vin.....	56	56	–	5,520	5,520	–	–
14	Northwest and Southwest Miramichi River..	410	360	17	–	–	–	–
15	Bay du Vin to Point au Car.....	29	29	–	4,951	4,951	–	–
16	Point au Car to Nelson and Newcastle to Gloucester county line.....	155	155	–	15,515	15,515	–	–
	Total quantity.....	650	600	17	25,986	25,986	–	–
	Total value.....$	2,600	6,000	255	207,888	285,846	–	–
	Gloucester County—							
17	Northumberland county line to Tracadie Gully.....	–	–	–	935	935	–	–
18	Tracadie Gully to Shippegan.....	–	–	–	770	770	–	–
19	Shippegan and Miscou Islands.....	–	–	–	1,600	1,600	–	–
20	Lower Caraquet to Mizonette Point.....	–	–	–	1,197	1,197	–	–
21	Mizonnette Point to Tetagouche River.....	–	–	–	40	40	–	–
22	Tetagouche River to Restigouche county line	–	–	–	–	–	–	–
	Total quantity.....	–	–	–	4,542	4,542	–	–
	Total value.....$	–	–	–	36,176	49,982	–	–
23	Restigouche County (all)—							
	Total quantity.....	15	15	–	4,969	4,969	–	–
	Total value.....$	60	60	–	40,252	54,659	–	–

I. Fish Caught and Marketed, 1919

Trout		Eels		Squid		Tom Cod		Mixed Fish		
Caught and landed	Marketed Used Fresh	Caught and landed	Marketed Used Fresh	Caught and landed	Marketed Used as bait	Caught and landed	Marketed Used Fresh	Caught and landed	Marketed Used Fresh	
cwt.	cwt.	cwt.	cwt.	bbl.	bbl.	cwt.	cwt.	cwt.	cwt.	
316	**316**	**1,731**	**1,741**	**290**	**290**	**11,138**	**11,138**	**850**	**850**	
3,817	**4,690**	**10,696**	**14,048**	**1,160**	**1,160**	**16,919**	**33,589**	**1,360**	**1,700**	
–	–	–	–	40	40	–	–	–	–	1
20	20	–	–	–	–	–	–	–	–	2
–	–	–	–	250	250	–	–	–	–	3
–	–	–	–	–	–	–	–	–	–	4
20	20	–	–	290	290	–	–	–	–	
200	200	–	–	1,160	1,160	–	–	–	–	
–	–	80	80	–	–	–	–	–	–	5
–	–	800	800	–	–	–	–	–	–	
5	5	–	–	–	–	–	–	–	–	6
125	125	–	–	–	–	–	–	–	–	
20	20	–	–	–	–	25	25	–	–	7
40	40	50	50	–	–	240	40	–	–	8
42	42	65	65	–	–	50	50	–	–	9
102	102	115	115	–	–	315	315	–	–	
1,284	1,530	690	920	–	–	685	1,120	–	–	
–	–	–	–	–	–	80	80	–	–	10
40	40	115	115	–	–	20	20	–	–	11
8	8	160	170	–	–	190	190	240	240	12
48	48	275	285	–	–	290	290	240	240	
576	720	1,650	2,270	–	–	435	870	240	480	
–	–	–	–	–	–	650	650	–	–	13
23	23	60	60	–	–	–	–	–	–	14
8	8	6	6	–	–	299	299	–	–	15
20	20	50	50	–	–	8,604	8,604	–	–	16
51	51	116	116	–	–	9,553	9,553	–	–	
552	765	696	928	–	–	14,329	28,659	–	–	
40	40	1,050	1,050	–	–	40	40	100	100	17
–	–	–	–	–	–	–	–	–	–	18
–	–	–	–	–	–	–	–	–	–	19
–	–	60	60	–	–	300	300	–	–	2
–	–	10	10	–	–	420	420	–	–	21
–	–	–	–	–	–	–	–	–	–	22
40	40	1,120	1,120	–	–	760	760	100	100	
480	600	6,710	8,930	–	–	1,140	2,280	100	200	
50	50	25	25	–	–	220	220	510	510	23
600	750	150	200	–	–	330	660	1,020	1,020	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Clams and Quahaugs			Cockles		Lobsters			
		Caught and landed	Marketed		Caught and landed	Marketed	Caught and landed	Marketed		
			Used fresh	Canned		Used fresh		Shipped in shell	Canned	Tom alley
	NEW BRUNSWICK SEA FISHERIES—Concluded	bbl.	bbl.	cases	cwt.	cwt.	cwt.	cwt.	cases	cases
	Total Sea Fisheries for Province—									
	Quantity	**19,248**	**14,496**	**5,577**	**105**	**28**	**56,480**	**19,533**	**19,241**	**182**
	Value $	**31,916**	**34,236**	**31,327**	**315**	**70**	**413,382**	**275,685**	**607,425**	**3,308**
	Charlotte County—									
1	International Boundary line to Back Bay	2,006	79	2,024	105	28	150	167	–	–
2	Back Bay to St. John county line	9,800	7,000	2,776	–	–	907	907	–	–
3	Campobello and Deer Islands	550	550	–	–	–	676	676	–	–
4	Grand Manan	–	–	–	–	–	2,487	2,487	–	–
	Total quantity	12,356	7,629	4,800	105	28	4,220	4,237	–	–
	Total value $	18,534	11,542	26,556	315	70	105,500	106,718	–	–
5	St. John County (all)—									
	Total quantity	–	–	–	–	–	2,324	2,989	–	–
	Total value $	–	–	–	–	–	58,100	68,075	–	–
6	Albert County (all)—									
	Total quantity	–	–	–	–	–	5	5	–	–
	Total value $	–	–	–	–	–	125	125	–	–
	Westmorland County—									
7	Bay of Fundy	–	–	–	–	–	–	–	–	
8	Kent county line to Shemogue	1,140	1,140	–	–	–	5,624	2,794	1,710	–
9	Shemogue to Nova Scotia line	323	323	–	–	–	4,129	359	1,733	–
	Total quantity	1,463	1,763	–	–	–	9,753	3,153	3,443	–
	Total value $	4,089	7,352	–	–	–	48,765	30,871	129,885	–
	Kent county—									
10	Westmorland county line to Cocagne	452	452	–	–	–	2,192	284	853	–
11	Cocagne to Chockfish River	165	165	–	–	–	2,792	164	1,065	–
12	Chockfish River to Northumberland county line	150	20	130	–	–	5,959	440	3,619	38
	Total quantity	767	637	130	–	–	10,943	888	5,537	38
	Total value $	2,301	2,548	780	–	–	54,715	8,136	181,874	500
	Northumberland County—									
13	Kent county line to Bay du Vin	–	–	–	–	–	3,505	875	1,316	42
14	Northwest and Southwest Miramichi River	–	–	–	–	–	–	–	–	–
15	Bay du Vin to Point au Car	–	–	–	–	–	–	–	–	–
16	Point au Car to Nelson and Newcastle to Gloucester county line	172	172	–	–	–	3,696	50	1,817	–
	Total quantity	172	172	–	–	–	7,201	925	3,133	42
	Total value $	258	1,204	–	–	–	36,005	9,473	90,862	582
	Gloucester County—									
17	Northumberland county line to Tracadie Gully	–	–	647	–	–	305	–	213	–
18	Tracadie Gully to Shippegan	1,000	1,000	–	–	–	1,028	132	321	–
19	Shippegan and Miscou Islands	2,500	2,500	–	–	–	8,156	30	3,971	100
20	Lower Caraquet to Mizonette Point	195	–	–	–	–	1,866	78	750	–
21	Mizonette Point to Tetagouche River	450	450	–	–	–	8,697	5,980	1,359	2
22	Tetagouche River to Restigouche county line	315	315	–	–	–	1,105	918	166	–
	Total quantity	4,460	4,265	647	–	–	21,157	7,138	6,780	102
	Total value $	6,689	11,530	3,991	–	–	105,785	50,841	197,844	2,226
23	Restigouche County (all)—									
	Total quantity	30	30	–	–	–	877	198	348	–
	Total value $	45	60	–	–	–	4,387	1,446	6,960	–

I. Fish Caught and Marketed, 1919

Oysters		Scallops		Winkles		Fish Oil	Fish Offal	Fishbones	Fish Skins	Fertilizer	
Caught and landed	Marketed — Used fresh	Caught and landed	Marketed — Shelled	Caught and landed	Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	
bbl.	bbl.	bbl.	gal.	cwt.	cwt.	gal.	tons	cwt	cwt.	tons	
7,343	**7,343**	**20**	**40**	**20**	**20**	**78,559**	**170**	**557**	**949**	**3,050**	
58,744	**73,430**	**100**	**150**	**45**	**45**	**71,301**	**330**	**395**	**1,208**	**13,525**	
–	–	–	–	20	20	1,200	–	–	–	–	1
–	–	–	–	–	–	13,472	54	–	558	3,050	2
–	–	20	40	–	–	34,7 0	–	–	–	–	3
–	–	–	–	–	–	17,850	2	–	–	–	4
–	–	20	40	20	20	67,222	56	–	558	3,050	
–	–	100	150	45	45	61,117	58	–	270	13,525	
–	–	–	–	–	–	2,092	52	497	261	–	5
–	–	–	–	–	–	2,092	192	335	258	–	
–	–	–	–	–	–	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	7
576	576	–	–	–	–	–	–	–	–	–	8
30	30	–	–	–	–	–	62	60	60	–	9
606	606	–	–	–	–	–	62	60	60	–	
4,848	6,060	–	–	–	–	–	80	60	60	–	
1,054	1,054	–	–	–	–	–	–	–	–	–	10
1,766	1,766	–	–	–	–	–	–	–	–	–	11
162	162	–	–	–	–	50	–	–	–	–	12
2,982	2,982	–	–	–	–	50	–	–	–	–	
23,856	29,820	–	–	–	–	40	–	–	–	–	
1,730	1,730	–	–	–	–	–	–	–	–	–	13
–	–	–	–	–	–	–	–	–	–	–	14
1,950	1,950	–	–	–	–	–	–	–	–	–	15
–	–	–	–	–	–	60	–	–	10	–	16
3,680	3,680	–	–	–	–	60	–	–	10	–	
29,440	36,800	–	–	–	–	42	–	–	20	–	
–	–	–	–	–	–	775	–	–	–	–	17
–	–	–	–	–	–	520	–	–	–	–	18
–	–	–	–	–	–	3,425	–	–	–	–	19
60	60	–	–	–	–	4,365	–	–	60	–	20
15	15	–	–	–	–	–	–	–	–	–	21
–	–	–	–	–	–	–	–	–	–	–	22
75	75	–	–	–	–	9,085	–	–	60	–	
600	750	–	–	–	–	7,975	–	–	600	–	
–	–	–	–	–	–	50	–	–	–	–	23
–	–	–	–	–	–	35	–	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Alewives			Bass	Cavi-ar	Eels	Mixed Fish	Pick-erel	Sal-mon	Stur-geon	White fish
		Caught and landed	Marketed									
			Sold fresh	Salt-ed								
	NEW BRUNSWICK INLAND FISHERIES	cwt.	cwt.	bbl.	cwt.	lb.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Total Inland Fisheries for Province—											
	Quantity	**1,980**	**555**	**475**	**16**	**25**	**10**	**85**	**162**	**361**	**70**	25
	Value, Caught and landed...$	**6,480**	–	–	**272**	–	**100**	**127**	**1,944**	**10,830**	**1,470**	**500**
	Value Marketed.....$	–	**2,775**	**4,987**	**272**	**25**	**100**	**127**	**1,944**	**10,830**	**1,470**	**500**
1	Madawaska County—Total quantity....	–	–	–	–	–	–	–	–	–	–	20
2	Victoria County—Total quantity.....	5	5	–	–	–	–	–	–	4	–	5
3	Carleton County—Total quantity.....	10	10	–	–	–	–	–	–	24	–	–
4	York County—Total quantity.....	25	10	5	5	–	–	10	5	153	–	–
5	Sunbury County—Total quantity.....	980	200	260	–	–	–	20	70	23	–	–
6	Queens County—Total quantity.....	870	240	210	8	–	10	35	77	13	–	–
7	Kings County—Total quantity.....	90	90	–	3	25	–	20	10	144	70	–

In addition to the above there were taken by anglers in inland New Brunswick 713 cwt. of fish valued at $14,942.

I. Fish Caught and Marketed, 1919

	Fishing Districts	Cod				Haddock		Hake and Cusk		Tongues and Sounds
		Caught and landed	Marketed			Caught and landed	Marketed	Caught and landed	Marketed	Marketed
			Used fresh	Green-salted	Dried		Dried		Dried	Pickled or dried
	Quebec Sea Fisheries	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Total Sea Fisheries for Province—									
	Quantity	**759,982**	**8,938**	**81,853**	**216,492**	**840**	**280**	**1,080**	**360**	**179**
	Value $	**2021,765**	**39,269**	**485,331**	**2104,660**	**1,680**	**2,080**	**1,980**	**2,880**	**1,790**
	Bonaventure—									
1	Head of tide to Miguacha	–	–	–	–	–	–	–	–	–
2	Miguacha to Paspebiac Point	2,245	–	2,350	217	–	–	360	120	–
3	Paspebiac Point to Point Maquereau	21,080	–	6,790	8,459	840	280	720	240	–
	Total quantity	23,325	–	9,140	8,676	840	280	1,080	360	–
	Total value $	69,413	–	47,548	63,708	1,680	2,080	1,980	2,880	–
	Gaspe (Mainland)—									
4	Point Maquereau to Barachois	101,965	3,600	29,883	25,625	–	–	–	–	–
5	Barachois to Fame Point	196,062	300	255	65,084	–	–	–	–	–
6	Fame Point to Cape Chat	58,630	250	5,250	15,960	–	–	–	–	66
	Total quantity	356,657	4,150	35,388	106,669	–	–	–	–	66
	Total value $	984,382	23,250	229,597	1,099,529	–	–	–	–	660
	Magdalen Islands—									
7	Southern Subdistrict	53,470	–	15,000	9,215	–	–	–	–	–
8	Northern Subdistrict	14,343	523	5,565	290	–	–	–	–	–
	Total quantity	67,813	523	20,565	9,505	–	–	–	–	–
	Total value $	169,532	1,569	106,862	100,435	–	–	–	–	–
	Saguenay—									
9	Tadoussac to Jambons	4,010	720	1,600	30	–	–	–	–	7
10	Jambons to Pigons	15,957	430	1,135	4,419	–	–	–	–	–
11	Pigons to St. Charles	113,700	1,200	1,326	36,616	–	–	–	–	–
12	St. Charles to Natashquan Point	15,780	–	228	5,246	–	–	–	–	–
13	Natashquan Point to Cape Whittle	6,854	110	280	2,128	–	–	–	–	–
14	Cape Whittle to Chicatica	57,210	250	2,530	17,300	–	–	–	–	–
15	Chicatica to Bonne Esperance	7,500	390	–	2,370	–	–	–	–	–
16	Bonne Esperance to Blanc Sablon	63,065	590	–	20,825	–	–	–	–	–
17	Anticosti Island	371	125	136	28	–	–	–	–	10
	Total quantity	284,447	3,815	7,235	88,962	–	–	–	–	17
	Total value $	718,818	12,750	44,174	812,848	–	–	–	–	170
	Rimouski (all)—									
	Total quantity	27,740	450	9,525	2,680	–	–	–	–	96
	Total value $	79,620	1,700	57,150	28,140	–	–	–	–	960

I. Fish Caught and Marketed, 1919

	Fishing Districts	Halibut			Flounders, Brill, Plaice, etc.	
		Caught and landed	Marketed		Caught and landed	Marketed
			Used fresh	Salted		Used fresh
	QUEBEC SEA FISHERIES—continued	cwt.	cwt.	cwt.	cwt.	cwt.
	Total Sea Fisheries for Province—Quantity	**589**	**567**	**15**	**250**	**250**
	Value $	**4,654**	**5,782**	**120**	**1,063**	**1,063**
	Bonaventure—					
1	Head of tide to Miguacha	–	–	–	–	–
2	Miguacha to Paspebiac Point	–	–	–	–	–
3	Paspebiac Point to Point Maquereau	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Gaspé (Mainland)—					
4	Point Maquereau to Barachois	–	–	–	–	–
5	Barachois to Fame Point	30	30	–	250	250
6	Fame Point to Cape Chat	40	40	–	–	–
	Total quantity	70	70	–	250	250
	Total value $	700	700	–	1,063	1,063
	Magdalen Islands—					
7	Southern Subdistrict	–	–	–	–	–
8	Northern Subdistrict	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	Saguenay—					
9	Tadoussac to Jambons	132	110	15	–	–
10	Jambons to Pigons	41	41	–	–	–
11	Pigons to St. Charles	120	120	–	–	–
12	St. Charles to Natashquan Point	10	10	–	–	–
13	Natashquan Point to Cape Whittle	–	–	–	–	–
14	Cape Whittle to Chicatica	–	–	–	–	–
15	Chicatica to Bonne Espérance	–	–	–	–	–
16	Bonne Espérance to Blanc Sablon	–	–	–	–	–
17	Anticosti Island	12	12	–	–	–
	Total quantity	315	293	15	–	–
	Total value $	1,914	2,022	120	–	–
	Rimouski (all)—					
	Total quantity	204	204	–	–	–
	Total value $	2,040	3,060	–	–	–

I. Fish Caught and Marketed, 1919

Herring								Mackerel			
Caught and landed	Marketed							Caught and landed	Marketed		
	Used fresh	Canned	Smoked	Dry Salted	Pickled	Used as bait	Fertilizer		Used fresh	Salted	
cwt.	cwt.	cases	cwt.	cwt.	bbl.	bbl.	bbl.	cwt.	cwt.	bbl.	
333,835	**1,277**	**2,800**	**11,111**	**1,910**	**7,765**	**129,193**	**6,900**	**32,790**	**528**	**10,905**	
214,106	**2,584**	**14,000**	**73,374**	**2,503**	**66,883**	**157,194**	**7,192**	**229,090**	**4,240**	**254,953**	
–	–	–	–	–	–	–	–	–	–	–	1
5,195	50	–	–	–	55	990	1,500	–	–	–	2
8,235	100	–	–	–	45	2,200	1,800	520	520	–	3
13,430	150	–	–	–	100	3,190	3,300	520	520	–	
8,013	150	–	–	–	800	6,380	3,300	3,200	4,160	–	
7,785	50	–	–	–	985	2,390	–	480	–	160	4
22,138	150	–	–	–	1,154	9,263	–	195	–	65	5
18,781	278	–	50	–	1,825	6,030	434	–	–	–	6
48,704	478	–	50	–	3,964	17,683	434	675	–	225	
62,784	1,084	–	300	–	33,392	41,396	434	4,725	–	5,400	
99,585	–	–	6,625	1,900	1,800	35,300	1,200	12,657	–	4,219	7
165,985	225	2,800	4,340	–	1,000	72,340	1,200	18,885	–	6,446	8
265,570	225	2,800	10,965	1,900	2,800	107,640	2,400	31,542	–	10,665	
132,785	225	14,000	72,290	2,423	23,000	107,640	2,400	220,794	–	249,193	
1,675	165	–	8	–	392	63	146	20	8	4	9
348	–	–	–	–	108	12	–	33	–	11	10
–	–	–	–	–	–	–	–	–	–	–	11
–	–	–	–	–	–	–	–	–	–	–	12
586	40	–	–	–	100	123	–	–	–	–	13
183	–	–	–	–	21	60	–	–	–	–	14
83	15	–	–	–	–	34	–	–	–	–	15
139	10	–	–	10	19	26	–	–	–	–	16
69	–	–	–	–	15	12	–	–	–	–	17
3,083	230	–	8	10	655	330	146	53	8	15	
7,476	640	–	80	80	6,985	1,078	438	371	80	360	
3,048	194	–	88	–	246	350	620	–	–	–	
3,048	485	–	704	–	2,706	700	620	–	–	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Sardines		Salmon				
		Caught and landed	Marketed: Used fresh and salted	Caught and landed	Marketed: Used fresh	Marketed: Canned	Marketed: Mild cured	Marketed: Pickled
	QUEBEC SEA FISHERIES—continued	bbl.	bbl.	cwt.	cwt.	cases	cwt.	cwt.
	Total Sea Fisheries for Province—Quantity	**15**	**15**	**5,612**	**4,171**	**123**	**25**	**842**
	Value $	**150**	**180**	**47,333**	**49,140**	**1,845**	**275**	**8,468**
	Bonaventure—							
1	Head of tide to Miguacha	–	–	500	500	–	–	–
2	Miguacha to Paspebiac Point	–	–	480	480	–	–	–
3	Paspebiac Point to Point Maquereau	–	–	880	880	–	–	–
	Total quantity	–	–	1,860	1,860	–	–	–
	Total value $	–	–	15,020	18,960	–	–	–
	Gaspé (Mainland)—							
4	Point Maquereau to Barachois	–	–	219	219	–	–	–
5	Barachois to Fame Point	–	–	473	473	–	–	–
6	Fame Point to Cape Chat	–	–	243	243	–	–	–
	Total quantity	–	–	935	935	–	–	–
	Total value $	–	–	11,706	14,754	–	–	–
	Magdalen Islands—							
7	Southern Subdistrict	–	–	–	–	–	–	–
8	Northern Subdistrict	–	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–	–
	Saguenay—							
9	Tadoussac to Jambons	15	15	1,016	994	–	15	–
10	Jambons to Pigons	–	–	163	148	–	10	–
11	Pigons to St. Charles	–	–	211	80	54	–	64
12	St. Charles to Natashquan Point	–	–	267	–	69	–	108
13	Natashquan Point to Cape Whittle	–	–	177	–	–	–	118
14	Cape Whittle to Chicatica	–	–	396	–	–	–	264
15	Chicatica to Bonne Espérance	–	–	95	–	–	–	63
16	Bonne Espérance to Blanc Sablon	–	–	338	–	–	–	225
17	Anticosti Island	–	–	90	90	–	–	–
	Total quantity	15	15	2,753	1,312	123	25	842
	Total value $	150	180	19,647	14,274	1,845	275	8,468
	Rimouski (all)—							
	Total quantity	–	–	64	64	–	–	–
	Total value $	–	–	960	1,152	–	–	–

I. Fish Caught and Marketed, 1919

Shad		Smelts		Sturgeon		Trout		Caplin		
Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	bbl.	bbl.	
3	3	2,074	2,074	32	32	213	213	24,195	24,195	
15	15	19,840	24,609	256	256	1,966	2,211	82,230	82,930	
–	–	210	210	–	–	45	45	–	–	1
–	–	250	250	–	–	–	–	1,060	1,060	2
–	–	250	250	–	–	–	–	1,850	1,850	3
–	–	710	710	–	–	45	45	2,910	2,910	
–	–	7,100	8,520	–	–	450	540	4,760	4,760	
–	–	302	302	–	–	–	–	–	–	4
–	–	669	669	–	–	–	–	–	–	5
–	–	–	–	–	–	13	13	50	50	6
–	–	971	971	–	–	13	13	50	50	
–	–	9,710	12,423	–	–	130	130	250	250	
–	–	150	150	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
–	–	150	150	–	–	–	–	–	–	
–	–	600	750	–	–	–	–	–	–	
3	3	175	175	32	32	55	55	–	–	9
–	–	–	–	–	–	–	–	90	90	10
–	–	–	–	–	–	–	–	18,025	18,025	11
–	–	–	–	–	–	–	–	300	300	12
–	–	–	–	–	–	18	18	45	45	13
–	–	–	–	–	–	30	30	300	300	14
–	–	–	–	–	–	–	–	500	500	15
–	–	–	–	–	–	–	–	1,300	1,300	16
–	–	–	–	–	–	–	–	–	–	17
3	3	175	175	32	32	103	103	20,560	20,560	
15	15	1,750	2,100	256	256	866	917	75,870	76,570	
–	–	68	68	–	–	52	52	675	675	
–	–	680	816	–	–	520	624	1,350	1,350	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Eels		Squid		Mixed Fish		Clams and Quahaugs	
		Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh
	QUEBEC FISHERIES—Concluded.	cwt.	cwt.	bbl.	bbl.	cwt.	cwt.	bbl	bbl.
	Total Sea Fisheries for Province—								
	Quantity	**171**	**171**	**7,489**	**7,489**	**435**	**435**	**2,865**	**2,865**
	Value $	**1,230**	**1,485**	**15,863**	**15,863**	**870**	**870**	**15,517**	**17,467**
	Bonaventure—								
1	Head of tide to Miguacha	90	90	–	–	–	–	–	–
2	Miguacha to Paspebiac Point	–	–	–	–	–	–	170	170
3	Paspebiac Point to Point Maquereau	–	–	350	–	–	–	325	325
	Total quantity	90	90	350	350	–	–	495	495
	Total value $	720	900	1,400	1,400	–	–	1,485	1,485
	Gaspé (mainland)—								
4	Point Maquereau to Barachois	–	–	6,114	6,114	–	–	–	–
5	Barachois to Fame Point	–	–	900	900	–	–	–	–
6	Fame Point to Cape Chat	–	–	60	60	–	–	–	–
	Total quantity	–	–	7,074	7,074	–	–	–	–
	Total value $	–	–	14,268	14,268	–	–	–	–
	Magdalen Islands—								
7	Southern sub-district	75	75	–	–	–	–	1,950	1,950
8	Northern sub-district	–	–	–	–	–	–	–	–
	Total quantity	75	75	–	–	–	–	1,950	1,950
	Total value $	450	525	–	–	–	–	11,700	13,650
	Saguenay—								
9	Tadousac to Jambons	6	6	15	15	435	435	98	98
10	Jambons to Pigons	–	–	–	–	–	–	–	–
11	Pigons to St. Charles	–	–	–	–	–	–	150	150
12	St. Charles to Natashquan Point	–	–	–	–	–	–	100	100
13	Natashquan Point to Cape Whittle	–	–	–	–	–	–	–	–
14	Cape Whittle to Chicatica	–	–	50	50	–	–	–	–
15	Chicatica to Bonne Esperance	–	–	–	–	–	–	–	–
16	Bonne Esperance to Blanc Sablon	–	–	–	–	–	–	–	–
17	Anticosti Island	–	–	–	–	–	–	–	–
	Total quantity	6	6	65	65	435	435	348	348
	Total value $	60	60	195	195	870	870	2,044	2,044
	Rimouski (all)—								
	Total quantity	–	–	–	–	–	–	72	72
	Total value $	–	–	–	–	–	–	288	288

I. Fish Caught and Marketed, 1919

Lobsters				Hair Seals			Porpoises			Fish Oil	Fish Skins	
Caught and landed	Marketed			Caught and landed	Marketed		Caught and landed	Marketed		Marketed	Marketed	
	In Shell	Canned	To-malley		Skins	Oil		Skins	Oil			
cwt.	cwt.	cases	cases	no.	no.	gals.	no.	no.	gals.	gals.	cwt.	
31,845	**194**	**15,893**	**245**	**4,766**	**4,766**	**14,215**	**184**	**184**	**7,360**	**146,370**	**1,100**	
294,106	**2,240**	**399,817**	**3,180**	**23,722**	**15,927**	**13,680**	**9,000**	**3,680**	**7,360**	**145,246**	**1,249**	
–	–	–	–	–	–	–	–	–	–	–	–	1
130	20	55	–	–	–	–	–	–	–	125	–	2
622	–	334	–	–	–	–	–	–	–	6,500	–	3
752	20	389	–	–	–	–	–	–	–	6,625	–	
7,260	200	8,480	–	–	–	–	–	–	–	6,625	–	
2,243	18	1,187	–	–	–	–	–	–	–	25,271	200	4
616	156	223	–	–	–	–	–	–	–	15,900	–	5
–	–	–	–	15	15	75	–	–	–	22,000	–	6
2,859	174	1,410	–	15	15	75	–	–	–	63,171	200	
24,104	2,040	45,388	–	90	60	75	–	–	–	63,171	364	
14,500	–	7,519	20	1,292	1,292	5,025	–	–	–	8,233	900	7
13,560	–	6,512	225	672	672	2,016	–	–	–	6,500	–	8
28,060	–	14,031	245	1,964	1,964	7,041	–	–	–	14,733	900	
260,320	–	343,429	3,180	7,856	3,928	5,471	–	–	–	13,909	885	
–	–	–	–	428	428	1,264	184	184	7,360	925	–	9
–	–	–	–	80	80	310	–	–	–	2,950	–	10
–	–	6	–	585	585	985	–	–	–	15,200	–	11
12	–	–	–	534	534	1,250	–	–	–	3,256	–	12
50	–	50	–	125	125	300	–	–	–	1,800	–	13
94	–	–	–	209	209	550	–	–	–	11,195	–	14
18	–	7	–	300	300	900	–	–	–	2,5 0	–	15
–	–	–	–	400	400	1,300	–	–	–	15,275	–	16
–	–	–	–	72	72	125	–	–	–	–	–	17
174	–	63	–	2,733	2,733	6,984	184	184	7,360	53,101	–	
2,422	–	2,520	–	15,452	11,723	6,984	9,000	3,680	7,360	52,801	–	
–	–	–	–	54	54	115	–	–	–	8,740	–	
–	–	–	–	324	216	1,150	–	–	–	8,740	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Bass	Carp	Catfish	Caviar	Eels	Herring	Maskinonge	Mixed fish
	QUEBEC—INLAND FISHERIES	cwt.	cwt.	cwt.	lb.	cwt.	cwt.	cwt.	cwt.
	Total Inland Fisheries for Province—								
	Quantity	**11**	**877**	**374**	**2**	**7,671**	**3,304**	**4**	**4,290**
	Value caught and landed $	**112**	**6,599**	**3,887**	**–**	**74,614**	**10,137**	**56**	**36,186**
	Value marketed $	**138**	**8,156**	**4,200**	**2**	**91,833**	**21,804**	**65**	**42,900**
	Below Quebec—								
1	Temiscouata County	–	–	–	–	22	2,32	–	1,200
2	Kamouraska County	–	–	–	–	494	935	–	224
3	L'Islet County	–	5	–	–	268	–	–	9
4	Montmagny County	–	–	–	–	556	–	–	4[illegible]
5	Bellechasse County	4	12	–	–	1,326	–	–	26
6	Montmorency County	4	5	–	–	2,000	–	–	12
7	Charlevoix County	–	12	–	–	270	–	–	28
8	Chicoutimi County	–	–	–	–	28	–	–	46
	Total quantity	8	34	–	–	4,964	3,259	–	1,590
	Total value caught and landed $	80	248	–	–	49,004	9,777	–	12,720
	Total value marketed $	100	316	–	–	59,430	21,354	–	15,900
	Above Quebec—								
9	Maskinonge County	–	–	–	–	–	–	–	489
10	Berthier County	–	–	–	–	–	–	–	–
11	L'Assomption County	–	12	6	–	13	–	–	45
12	Hochelaga County	–	–	–	–	–	–	–	–
13	Vaudreuil County	–	24	–	–	–	–	–	184
14	Soulanges County	–	21	1	–	2	–	–	–
15	Argenteuil County	–	–	–	–	–	–	–	23
16	Pontiac County	–	–	–	2	–	45	–	890
17	Huntingdon County	–	–	6	–	42	–	–	–
18	Beauharnois County	–	–	1	–	26	–	–	28
19	Chateauguay County	–	438	126	–	47	–	–	–
20	Laprairie and Napierville Counties	–	121	9	–	–	–	–	–
21	St. Jean County	–	43	142	–	8	–	–	89
22	Iberville County	–	–	–	–	1,671	–	–	–
23	Chambly County	1	86	8	–	6	–	1	71
24	Vercheres County	–	16	23	–	10	–	–	2
25	St. Hyacinthe County	–	48	–	–	–	–	–	–
25	Yamaska County	–	–	–	–	89	–	3	728
27	Nicolet County	–	34	52	–	94	–	–	119
28	Lotbinière County	–	–	–	–	57	–	–	3
29	Levis County	2	–	–	–	642	–	–	29
	Total quantity	3	843	374	2	2,707	45	4	2,700
	Total value, caught and landed $	32	6,351	3,887	–	25,610	360	56	23,466
	Total value marketed $	38	7,840	4,200	2	32,403	450	65	27,900

I. Fish Caught and Marketed, 1919

Perch	Pickerel	Pike	Porpoises	Salmon	Shad	Sturgeon	Smelts	Trout	Whitefish	
cwt.	cwt.	cwt.	no.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
234	**633**	**450**	**104**	**195**	**1,026**	**646**	**30**	**69**	**529**	
2,450	**9,158**	**5,379**	**4,170**	**2,915**	**11,911**	**11,542**	**300**	**716**	**8,157**	
2,700	**9,495**	**5,870**	**6,240**	**3,193**	**15,104**	**12,288**	**360**	**1,035**	**9,457**	
–	–	–	–	–	–	–	30	21	–	1
–	–	–	103	–	75	–	–	6	–	2
–	–	–	–	–	20	18	–	–	–	3
–	–	–	–	–	315	80	–	–	15	4
–	19	–	–	12	428	133	–	–	251	5
–	–	–	–	3	5	8	–	–	–	6
–	–	–	1	2	–	5	–	–	–	7
–	–	–	–	176	–	–	–	5	–	8
–	19	–	104	193	843	244	30	32	266	
–	228	–	4,170	2,895	9,326	2,450	300	342	2,690	
–	285	–	6,240	3,160	12,410	3,196	360	480	3,990	
–	–	–	–	–	–	–	–	–	–	9
–	183	–	–	–	–	–	–	–	–	10
5	5	7	–	–	125	–	–	–	11	11
–	–	–	–	–	–	–	–	37	–	12
1	–	2	–	–	–	1	–	–	–	13
–	–	2	–	–	–	7	–	–	–	14
–	1	2	–	–	–	4	–	–	–	15
–	362	218	–	2	–	112	–	–	241	16
–	1	5	–	–	–	136	–	–	–	17
–	–	1	–	–	–	97	–	–	–	18
135	–	14	–	–	–	9	–	–	–	19
3	–	1	–	–	–	–	–	–	–	20
48	3	33	–	–	–	–	–	–	–	21
–	–	–	–	–	–	–	–	–	–	22
9	1	8	–	–	–	1	–	–	2	23
6	2	6	–	–	–	–	–	–	–	24
–	1	6	–	–	–	–	–	–	–	25
–	37	124	–	–	–	1	–	–	1	26
27	9	21	–	–	58	28	–	–	–	27
–	3	–	–	–	–	–	–	–	–	28
–	6	–	–	–	–	6	–	–	8	29
234	614	450	–	2	183	402	–	37	263	
2,450	8,930	5,379	–	20	2,585	9,092	–	374	5,467	
2,700	9,210	5,870	–	33	2,694	9,092	–	555	5,467	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Carp	Catfish	Caviar	Eels	Herring			Mixed Fish
						Caught and landed	Marketed		
							Fresh	Salted	
	ONTARIO	cwt.	cwt.	lb.	cwt.	cwt.	cwt.	bbl	cwt.
	Totals for Province—								
	Quantity	**11,520**	**5,549**	**7,057**	**1,881**	**118,099**	**109,507**	**5,727**	**33,578**
	Value caught and landed	**$ 46,080**	**44,392**	**–**	**18,810**	**590,495**	**–**	**–**	**134,312**
	Value marketed	**$ 46,080**	**44,392**	**7,057**	**22,572**	**–**	**657,042**	**37,225**	**134,312**
1	Kenora and Rainy River District	532	768	269	–	–	–	–	2,600
2	Lake Superior	–	–	152	–	23,262	15,082	5,453	2,902
3	Lake Huron, (North channel)	10	11	86	–	328	285	29	3,507
4	Georgian Bay	545	49	–	1	693	609	56	813
5	Lake Huron (proper)	69	4	1,023	–	1,551	1,430	80	1,053
6	Lake St. Clair, etc.	2,944	738	478	–	–	–	–	5,373
7	Lake Erie	3,784	340	1,827	–	74,257	74,257	–	7,937
8	Lake Ontario	1,695	2,478	202	1,672	17,258	17,094	109	6,030
9	Inland Waters	1,941	1,161	3,020	208	750	750	–	3,363

	Fishing Districts	Catfish	Goldeyes		Mixed Fish
			Caught and landed	Marketed	
				Fresh	Smoked	
	MANITOBA	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**437**	**3,245**	**488**	**919**	**83**
	Value caught and landed	**$ 3,976**	**13,071**	**–**	**–**	**333**
	Value Marketed	**$ 3,976**	**–**	**1,952**	**15,618**	**333**
10	Lake Winnipeg	437	–	63	699	83
11	Lake Winnipegosis	–	–	340	220	–
12	Lake Manitoba	–	–	–	–	–
13	The Pas	–	–	–	–	–
14	Lakes St. Martin, Dauphin, Waterhen, Pelican, Swan, Red Deer	–	–	85	–	–

NOTE.—In addition to the above, 4,325 cwt. of fish, valued at $16,022, were taken in Manitoba under settlers' permits.

I. Fish Caught and Marketed, 1919

	Perch	Pickerel or Doré	Pickerel (Blue)	Pike	Sturgeon	Sturgeon Bladders	Trout			Whitefish			Tullibee	
							Caught and landed	Marketed		Caught and landed	Marketed			
								Fresh	Salted		Fresh	Salted		
	cwt.	cwt.	cwt.	cwt.	cwt.	no.	cwt.	cwt.	bbl.	cwt.	cwt.	bbl.	cwt.	
	15,244	**19,220**	**23,917**	**19,948**	**2,247**	**4**	**62,917**	**59,398**	**2,345**	**66,404**	**65,954**	**299**	**5,050**	
	121,952	**192,200**	**143,502**	**99,740**	**26,964**	–	**629,170**	–	–	**664,040**	**857,402**	**3,887**	**30,300**	
	152,440	**259,470**	**167,419**	**139,636**	**33,705**	**32**	–	**772,174**	**30,485**	–	–	–	**45,450**	
1	97	8,370	–	6,354	143	–	–	908	1	–	4,965	11	2,413	
2	–	1,410	–	190	219	–	–	19,602	1,446	–	20,297	35	8	
3	116	2,254	–	1,606	135	–	–	15,956	106	–	7,994	8	260	
4	61	768	2	284	18	–	–	8,984	263	–	3,910	97	538	
5	675	1,826	5	33	111	–	–	8,277	515	–	906	68	1,702	
6	1,401	603	5	383	108	–	–	–	–	–	133	–	–	
7	10,969	1,443	23,878	7,270	427	4	–	15	–	–	10,943	–	13	
8	1,588	405	27	2,461	–	–	–	5,532	9	–	15,863	72	–	
9	337	2,141	–	1,367	1,086	–	–	124	5	–	943	8	116	

	Mullets	Perch	Pickerel	Pike	Sturgeon	Trout	Tullibee	Whitefish
	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	24,397	**992**	**35,802**	**30,905**	**789**	**805**	**38,920**	**57,009**
	44,374	**8,944**	**259,537**	**136,189**	**10,462**	**5,687**	**184 792**	**344 531**
	44,991	**10,172**	**264,741**	**137,114**	**10,462**	**5,687**	**186,260**	**349,811**
11	11,200	415	16,313	3,777	124	–	27,944	29,755
12	10,770	–	11,899	17,115	–	–	48	12,404
13	1,694	565	6,119	7,426	–	–	10,327	4,719
	314	–	633	1,845	665	805	363	8,945
14	419	12	838	742	–	–	238	1,186

I. Fish Caught and Marketed, 1919

	Fishing Districts	Goldeyes	Mixed Fish	Mullets
	SASKATCHEWAN	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**31**	**1,249**	**2,436**
	Value caught and landed $	**310**	**1,635**	**7,272**
	Value marketed $	**372**	**1,635**	**14,893**
1	Cold Lake District	–	–	50
2	Onion Lake District	–	18	42
3	Jackfish and Murray Lakes	–	10	154
4	Turtle and Bright Sand Lake District	–	20	40
5	Waterhen Lake District	–	51	268
6	Isle à Lacross District	–	159	571
7	Doré and la Plonge Lakes	–	647	179
8	Okemasis and Devils Lake District	–	76	90
9	Montreal Lake	–	170	108
10	Candle and Namew Lakes	–	41	99
11	Lenore Lake District	–	–	236
12	Lac la Ronge District	–	–	193
13	Green Lake and Beaver River	–	57	–
14	Saskatchewan River	31	–	147
15	Qu'Appelle Lakes and Lake Katepwe	–	–	12
16	Lowe's Lake	–	–	247
	ALBERTA			
	Totals for Province—Quantity	**8**	–	–
	Value caught and landed $	**48**	–	–
	Value marketed $	**64**	–	–
17	Athabasca District	–	–	–
18	Edson District	–	–	–
19	Lac Ste. Anne	–	–	–
20	Lac la Biche	–	–	–
21	Lesser Slave Lake	–	–	–
22	Ministik Lake	–	–	–
23	Moose Lake	–	–	–
24	Pigeon Lake	–	–	–
25	Saddle Lake	–	–	–
26	Sturgeon Lake	–	–	–
27	Sturgeon River	8	–	–
28	Trout Lake	–	–	–
29	Wabamun Lake	–	–	–
30	Red Deer District	–	–	–

NOTE.—In addition to above, the following statement shows fish taken by anglers and under domestic license.

	Total Quantity	Total Value
	cwt.	$
Saskatchewan—		
Domestic license	23,500	99,875
Alberta—		
Domestic license	5,011	21,297
Anglers' permits	1,250	18,750

I. Fish Caught and Marketed, 1919

Perch	Pickerel	Pike	Sturgeon	Trout	Tullibee	Whitefish	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
13	**3,038**	**4,112**	**61**	**1,821**	**1,455**	**42,642**	
81	**15,857**	**16,330**	**610**	**10,795**	**11,472**	**206,904**	
137	**26,827**	**30,817**	**732**	**17,542**	**13,572**	**369,220**	
–	90	200	–	1,185	–	1,100	1
–	47	89	–	–	16	277	2
–	138	262	–	–	–	2,390	3
–	–	188	–	–	–	1,140	4
–	199	264	–	–	33	6,168	5
–	441	948	–	32	281	15,590	6
–	1,271	1,132	–	27	–	11,724	7
–	50	74	–	–	30	429	8
–	166	141	–	337	–	411	9
–	60	113	–	–	–	196	10
–	–	–	–	–	–	–	11
–	165	217	–	240	–	699	12
–	14	36	–	–	17	266	13
–	9	38	61	–	–	17	14
13	58	68	–	–	1,078	21	15
–	330	342	–	–	–	2,214	16
–	**2,872**	**2,748**	–	**1,743**	**4,032**	**30,644**	
–	**11,663**	**9,061**	–	**6,187**	**15,444**	**128,628**	
–	**20,217**	**14,238**	–	**17,430**	**23,717**	**257,664**	
–	350	1,050	–	–	2,600	2,350	17
–	–	–	–	–	–	65	18
–	456	20	–		–	655	19
–	887	342	–	–	37	4,107	20
–	971	269	–	1,705	955	17,688	21
–	–	8	–	–	–	–	22
–	–	–	–	–	400	850	
–	10	100	–	–	–	1,440	24
–	100	200	–	30	–	260	25
–	–	2	–	–	–	52	26
–	6	95	–	–	–	–	27
–	45	412	–	8	40	1,832	28
–	40	250	–	–	–	1,345	29
–	7	–	–	–	–	–	30

	Mixed Fish	Salmon	Whitefish
YUKON TERRITORY	cwt.	cwt.	cwt.
Totals for Territory—Quantity	**150**	**270**	**150**
Value caught and landed $	**3,750**	**3,240**	**1,800**
Value marketed $	**3,750**	**3,250**	**1,800**

I. Fish Caught and Marketed, 1919

	Fishing Districts	Cod				
		Caught and landed	Marketed			
			Used fresh	Green-salted	Smoked	Boneless
	British Columbia	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**47,324**	**36,042**	**2,682**	**3,374**	**15**
	Value $	**288,003**	**295,540**	**18,040**	**55,048**	**210**
1	District No. 1—Total quantity	28,568	19,557	2	2,921	–
	Total value $	199,034	169,214	20	47,753	–
	District No. 2—					
2	Skeena River District	3,637	3,587	2,680	135	15
3	Rivers Inlet District	–	–	–	–	–
4	Naas River District	–	–	–	–	–
5	Bella Coola and Kimsquit	–	–	–	–	–
6	Addenbrooke Island to Lowe Inlet	14	17	–	–	–
7	Queen Charlotte Islands	–	–	–	–	–
	Total quantity	3,651	3,604	2,680	135	15
	Total value $	10,987	24,331	18,020	2,025	210
	District No. 3—					
8	Cape Scott to Tatchu Point	–	–	–	–	–
9	Tatchu Point to and including Wreck Bay	232	232	–	–	–
10	Wreck Bay to San Juan Harbour	1,462	1,462	–	–	–
11	Esquimalt Harbour to north side Cowichan Bay	2,972	2,318	–	318	–
12	Cowichan Bay to and including Big Qualicum River	4,412	2,842	–	–	–
13	Big Qualicum River to and including Oyster River	86	86	–	–	–
14	Oyster River to Adams River, with surrounding district	900	900	–	–	–
15	Adams River to Cape Scott, with surrounding district	–	–	–	–	–
16	Bute Inlet to Gower Point	5,041	5,041	–	–	–
	Total quantity	15,105	12,881	–	318	–
	Total value $	77,982	101,995	c	5,270	–

I. Fish Caught and Marketed, 1919

Hake and Cusk			Whiting		Halibut			
Caught and landed	Marketed		Caught and landed	Marketed	Caught and landed	Marketed		
	Used fresh	Smoked		Used fresh		Used fresh	Smoked	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
110	**84**	**13**	**50**	**53**	**210,777**	**210,326**	**197**	
229	**371**	**104**	**205**	**284**	**2,639,778**	**4,613,905**	**3,579**	
30	30	–	43	43	28,931	28,724	103	1
60	146	–	172	229	383,097	404,793	2,069	
–	–	–	4	7	178,846	177,120	94	2
–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	5
–	–	–	–	–	–	1,726	–	6
–	–	–	–	–	–	–	–	7
–	–	–	4	7	178,846	178,846	94	
–	–	–	12	28	2,228,712	4,171,610	1,510	
–	–	–	–	–	25	25	–	8
–	–	–	–	–	904	340	–	9
–	–	–	–	–	1,522	1,522	–	10
43	17	13	3	3	518	838	–	11
–	–	–	–	–	–	–	–	12
–	–	–	–	–	–	–	–	13
–	–	–	–	–	–	–	–	14
–	–	–	–	–	30	30	–	15
37	37	–	–	–	1	1	–	16
80	54	13	3	3	3,000	2,756	–	
169	225	104	21	27	27,969	37,502	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Flounders, Brill, Plaice, etc.		Skate		Soles	
		Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh	Caught and landed	Marketed Used fresh
	British Columbia—Continued.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**23,878**	**24,769**	**1,017**	**685**	**14,262**	**14,236**
	" " **Value** $	**76,323**	**130,940**	**3,027**	**3,126**	**76,535**	**90,848**
1	District No. 1—						
	Total quantity	642	642	459	137	11,023	11,039
	Total value $	2,247	4,210	1,836	1,189	66,138	73,339
	District No. 2—						
2	Skeena River District	22,559	23,449	369	366	2,857	2,851
3	Rivers Inlet District	–	–	–	–	–	–
4	Naas River District	–	–	–	–	–	–
5	Bella Coola and Kimsquit	–	–	–	–	–	–
6	Addenbrooke Island to Lowe Inlet	–	60	–	–	–	–
7	Queen Charlotte Islands	–	–	–	–	–	–
	Total quantity	22,559	23,509	369	366	2,857	2,851
	Total value $	71,683	123,227	694	1,098	8,571	14,967
	District No. 3—						
8	Cape Scott to Tatchu Point	23	23	–	–	18	18
9	Tatchu Point to and including Wreck Bay	–	–	–	–	9	–
10	Wreck Bay to San Juan Harbour	–	–	–	–	–	–
11	Esquimalt Harbour to north side Cowichan Bay	51	51	59	59	177	177
12	Cowichan Bay to and including Big Qualicum River	59	–	40	33	143	116
13	Big Qualicum River to and including Oyster River	–	–	–	–	–	–
14	Oyster River to Adams River, with surrounding district	–	–	–	–	–	–
15	Adams River to Cape Scott, with surrounding district	80	80	–	–	35	35
16	Bute Inlet to Gower Point	464	464	90	90	–	–
	Total quantity	677	618	189	182	382	346
	Total value $	2,393	3,503	497	839	1,826	2,542

The following is in addition to the quantities in main table:—

District No. 1. Estimated home consumption of all varieties, including salmon, trout, cod, oulachons, bottom fish, shellfish, etc.

	Quantity	Value
	cwt.	$
By Indians	35,000	280,000
By whites and orientals	120,000	960,000
	155,000	1,240,000

District No. 3. Estimated home consumption:		Quantity	Value
			$
Salmon	cwt.	12,000	36,000
Clams	bbl.	500	1,000

I. Fish Caught and Marketed, 1919

Herring								
Caught and landed	Marketed							
	Used fresh	Boneless	Canned	Smoked	Dry-salted	Pickled	Used as bait	
cwt.	cwt.	cwt.	cases	cwt.	cwt.	bbl.	bbl.	
567,868	**26,999**	**840**	**64,002**	**9,979**	**255,058**	**6,796**	**17,100**	
695,660	**92,298**	**17,736**	**345,571**	**81,507**	**466,620**	**70,492**	**35,646**	
60,112	17,609	840	17,846	9,419	4,000	846	–	1
201,392	69,797	17,736	107,076	76,613	16,000	12,250	–	
20,674	–	–	–	16	–	–	10,337	2
–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	–	–	4
5	5	–	–	–	–	–	–	5
2,482	–	–	–	–	–	–	600	6
–	–	–	–	–	–	–	–	7
23,161	5	–	–	16	–	–	10,937	
25,613	25	–	–	128	–	–	24,647	
–	–	–	–	–	–	–	–	8
–	–	–	–	–	–	–	–	9
400,812	170	–	46,156	7	208,058	5,950	6,035	10
686	300	–	–	193	–	–	–	11
78,461	5,079	–	–	72	43,000	–	–	12
–	–	–	–	–	–	–	–	13
–	–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	–	15
4,636	3,836	–	–	272	–	–	128	16
484,595	9,385	–	46,156	544	251,058	5,950	6,163	
468,655	22,476	–	238,495	4,766	450,620	58,242	10,999	

The following quantities were landed by United States vessels and are included with Caught and Landed and Used Fresh for District I: halibut, 14,087 cwt., $184,000; cod, 231 cwt., $1,600; salmon, 10 cwt., $80.

The following quantities were landed by United States vessels and are included with Caught and Landed and Used Fresh for District II: halibut, 115,920 cwt., $1,453,553; black cod, 1,935 cwt., $7,765; salmon, 507 cwt., $2,896; cod, 349 cwt., $1,049; red cod, 200 cwt., $401.

I. Fish Caught and Marketed, 1919

	Fishing Districts	Pilchards				Bass	
		Caught and landed	Marketed			Caught and landed	Marketed
			Used fresh	Canned	Smoked		Used fresh
	BRITISH COLUMBIA—continued	cwt.	cwt.	cases	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**65,624**	**76**	**63,065**	**78**	**63**	**63**
	Value $	**81,321**	**406**	**370,841**	**624**	**216**	**336**
1	District No. 1—						
	Total quantity	62	62	–	–	–	–
	Total value $	124	294	–	–	–	–
	District No. 2—						
2	Skeena River district	–	–	–	–	–	–
3	Rivers Inlet District	–	–	–	–	–	–
4	Naas River District	–	–	–	–	–	–
5	Bella Coola and Kimsquit	–	–	–	–	–	–
6	Addenbrooke Island to Lowe Inlet	–	–	–	–	–	–
7	Queen Charlotte Islands	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	–
	Total value $	–	–	–	–	–	–
	District No. 3—						
8	Cape Scott to Tatchu Point	–	–	–	–	–	–
9	Tatchu Point to and including Wreck Bay	61,869	–	57,127	–	–	–
10	Wreck Bay to San Juan Harbour	3,526	–	5,938	–	–	–
11	Esquimalt Harbour to north side Cowichan Bay	167	14	–	78	63	63
12	Cowichan Bay to and including Big Qualicum river	–	–	–	–	–	–
13	Big Qualicum river to and including Oyster river	–	–	–	–	–	–
14	Oyster river to Adams river, with surrounding district	–	–	–	–	–	–
15	Adams river to Cape Scott with surrounding district	–	–	–	–	–	–
16	Bute Inlet to Gower Point	–	–	–	–	–	–
	Total quantity	65,562	14	63,065	78	63	63
	Total value $	81,197	112	370,841	624	216	336

	Fishing Districts	Shad			Smelts	
		Caught and landed	Marketed		Caught and landed	Marketed
			Used fresh	Salted		Used fresh
	BRITISH COLUMBIA—Continued	cwt.	cwt.	bbl.	cwt.	cwt.
	Totals for Province—Quantity	**100**	**25**	**25**	**1,248**	**1,195**
	Value $	**850**	**267**	**400**	**12,342**	**14,682**
1	District No. 1—					
	Total quantity	100	25	25	1,179	1,137
	Total value $	850	267	400	11,790	13,986
	District No. 2—					
2	Skeena River District	–	–	–	–	–
3	Rivers Inlet District	–	–	–	–	–
4	Naas River District	–	–	–	–	–
5	Bella Coola and Kimsquit	–	–	–	–	–
6	Addenbrooke Island to Lowe Inlet	–	–	–	–	–
7	Queen Charlotte Islands	–	–	–	–	–
	Total quantity	–	–	–	–	–
	Total value $	–	–	–	–	–
	District No. 3—					
8	Cape Scott to Tatchu Point	–	–	–	–	–
9	Tatchu Point to and including Wreck Bay	–	–	–	–	–
10	Wreck Bay to San Juan Harbour	–	–	–	–	–
11	Esquimalt Harbour to north side Cowichan Bay	–	–	–	58	58
12	Cowichan Bay to and including Big Qualicum river	–	–	–	11	–
13	Big Qualicum river to and including Oyster river	–	–	–	–	–
14	Oyster river to Adams river, with surrounding district	–	–	–	–	–
15	Adams river to Cape Scott with surrounding district	–	–	–	–	–
16	Bute Inlet to Gower Point	–	–	–	–	–
	Total quantity	–	–	–	69	58
	Total value $	–	–	–	552	696

I. Fish Caught and Marketed, 1919

Perch		Salmon							
Caught and landed	Marketed	Caught and landed	Marketed						
	Used fresh		Used fresh	Canned	Smoked	Dry-salted	Mild cured	Roe	
cwt.	cwt.	cwt.	cwt.	cases	cwt.	cwt.	cwt.	cwt.	
2,244	**2,243**	**1,668,353**	**441,779**	**1,394,086**	**7,147**	**8,235**	**5,857**	**512**	
15,850	**19,808**	**10,602,789**	**3,499,851**	**13,840,227**	**61,964**	**34,720**	**95,284**	**5,120**	
1,205	1,204	321,675	184,624	158,715	1,548	–	–	–	1
10,845	12,522	2,785,091	2,095,377	1,700,232	26,700	–	–	–	
–	–	354,336	17,075	398,884	28	–	–	–	2
–	–	92,806	450	108,072	600	–	–	–	3
–	–	83,810	300	98,743	–	1,500	–	–	4
–	–	49,214	400	57,874	–	200	–	–	5
–	–	149,408	2,753	174,895	1,900	–	–	–	6
–	–	77,061	2,000	46,605	3,000	5,275	2,533	–	7
–	–	806,635	22,978	885,073	5,528	6,975	2,533	–	
–	–	4,694,553	209,143	9,283,188	34,120	23,380	15,200	–	
–	–	15,506	245	18,168	–	–	–	–	8
122	122	62,796	6,896	58,250	–	–	–	–	9
180	180	202,919	152,120	88,969	19	1,260	1,974	512	10
–	–	76,069	4,895	52,130	52	–	1,350	–	11
137	137	34,948	28,214	14,297	–	–	–	–	12
–	–	193	193	–	–	–	–	–	13
–	–	25,380	7,950	40,652	–	–	–	–	14
–	–	69,951	8,450	53,313	–	–	–	–	15
600	600	52,281	25,214	24,519	–	–	–	–	16
1,039	1,039	540,043	234,177	350,298	71	1,260	3,324	512	
5,005	7,286	3,123,145	1,195,331	2,856,807	1,144	11,340	80,084	5,120	

Sturgeon		Black Cod			Red Cod, etc.			
Caught and landed	Marketed	Caught and landed	Marketed		Caught and landed	Marketed		
	Used fresh		Used fresh	Smoked		Used fresh	Smoked	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	
222	**222**	**10,527**	**7,792**	**3,573**	**6,639**	**5,952**	**205**	
3,426	**5,636**	**56,644**	**67,249**	**49,331**	**23,402**	**37,368**	**2,045**	
186	186	5,850	2,510	966	1,959	1,481	205	1
3,162	5,164	35,100	30,025	14,599	9,795	13,161	2,045	
–	–	3,967	5,232	2,277	465	385	–	2
–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	5
–	–	–	–	–	–	5	–	6
–	–	–	–	–	–	–	–	7
–	–	3,967	5,232	2,277	465	390	–	
–	–	15,864	36,624	28,462	938	1,555	–	
–	–	–	–	–	48	48	–	8
–	–	–	–	–	812	232	–	9
–	18	–	–	–	–	–	–	10
36	18	710	50	330	–	478	–	11
–	–	–	–	–	1,493	1,461	–	12
–	–	–	–	–	–	–	–	13
–	–	–	–	–	–	–	–	14
–	–	–	–	–	95	95	–	15
–	–	–	–	–	1,767	1,767	–	16
36	36	710	50	330	4,215	4,081	–	
264	472	5,680	600	6,270	12,669	22,652	–	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Eels		Greyfish	Octopus		Oulachons	
		Caught and landed	Marketed — Used fresh	Caught and landed	Caught and landed	Marketed — Used fresh	Caught and landed	Marketed — Used fresh
	British Columbia—Continued	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
	Totals for Province—Quantity	**45**	**45**	**50,920**	**484**	**484**	**181**	**139**
	Value $	**124**	**222**	**17,822**	**2,325**	**6,760**	**1,070**	**2,045**
1	District No. 1—							
	Total quantity	7	7	–	211	211	131	131
	Total value $	21	42	–	1,371	3,165	720	1,965
	District No. 2—							
2	Skeena River District	–	–	–	–	–	42	–
3	Rivers Inlet District	–	–	–	–	–	–	–
4	Naas River District	–	–	–	–	–	–	–
5	Bella Coola and Kimsquit	–	–	–	–	–	–	–
6	Addenbrooke Island to Lowe Inlet	–	–	–	–	–	–	–
7	Queen Charlotte Islands	–	–	–	–	–	–	–
	Total quantity	–	–	–	–	–	42	–
	Total value $	–	–	–	–	–	294	–
	District No. 3—							
8	Cape Scott to Tatchu Point	–	–	–	–	–	–	–
9	Tatchu Point to and including Wreck Bay	–	–	–	–	–	–	–
10	Wreck Bay to San Juan Harbour	–	–	–	–	–	–	–
11	Esquimalt Harbour to north side Cowichan Bay	–	–	–	–	–	8	8
12	Cowichan Bay to and including Big Qualicum River	–	–	45,340	194	194	–	–
13	Big Qualicum River to and including Oyster River	–	–	–	–	–	–	–
14	Oyster River to Adams River, with surrounding district	–	–	5,580	–	–	–	–
15	Adams River to Cape Scott, with surrounding district	–	–	–	–	–	–	–
16	Bute Inlet to Gower Point	38	38	–	79	79	–	–
	Total quantity	38	38	50,920	273	273	8	8
	Total value $	103	180	17,822	954	3,595	56	80

I. Fish Caught and Marketed, 1919

Tom Cod		Clams and Quahaugs			Crabs		
Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Marketed: Canned	Caught and landed	Marketed: Used fresh	
cwt.	cwt.	bbl.	bbl.	cases	cwt.	cwt.	
81	81	7,542	672	6,855	6,428	6,446	
326	498	16,213	6,674	41,080	30,304	55,102	
31	31	507	492	–	6,109	6,127	1
201	248	2,028	5,849	–	27,490	51,660	
–	–	–	–	–	162	162	2
–	–	–	–	–	–	–	3
–	–	–	–	–	–	–	
–	–	–	–	–	–	–	
–	–	–	–	–	–	–	
–	–	–	–	–	–	–	
–	–	–	–	–	162	162	
–	–	–	–	–	1,620	1,620	
–	–	25	25	–	–	–	8
–	–	–	–	–	–	–	9
–	–	75	–	75	–	–	10
–	–	6,780	–	6,780	126	126	11
–	–	60	60	–	31	31	12
–	–	45	45	–	–	–	13
–	–	–	–	–	–	–	14
50	50	50	50	–	–	–	15
–	–	–	–	–	–	–	16
50	50	7,035	180	6,855	157	157	
125	250	14,185	825	41,080	1,194	1,822	

I. Fish Caught and Marketed, 1919

	Fishing Districts	Oysters		Shrimps		Fur Seals		Whales
		Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Used fresh	Caught and landed	Marketed: Skins	Caught and landed
	British Columbia—Concluded	bbl.	bbl	cwt.	cwt.	no.	no.	no.
	Totals for Province—Quantity	**2,379**	**2,379**	**816**	**767**	**70**	**70**	**432**
	Value $	**38,659**	**38,659**	**9,384**	**17,528**	**999**	**1,294**	**511,942**
1	District No. 1—							
	Total quantity	2,379	2,379	810	761	–	–	–
	Total value $	38,659	38,659	9,315	17,447	–	–	–
	District No. 2—							
2	Skeena River District	–	–	3	3	53	53	–
3	Rivers Inlet District	–	–	–	–	–	–	–
4	Naas River District	–	–	–	–	–	–	–
5	Bella Coola and Kimsquit	–	–	–	–	–	–	–
6	Addenbrooke Islands to Lowe Inlet	–	–	–	–	–	–	–
7	Queen Charlotte Islands	–	–	–	–	–	–	266
	Total Quantity	–	–	3	3	53	53	266
	Total value $	–	–	45	45	795	954	408,192
	District No. 3—							
8	Cape Scott to Tatchu Point	–	–	–	–	–	–	166
9	Tatchu Point to and including Wreck Bay	–	–	–	–	17	17	–
10	Wreck Bay to San Juan Harbour	–	–	–	–	–	–	–
11	Esquimalt Harbour to north side Cowichan Bay	–	–	3	3	–	–	–
12	Cowichan Bay to and including Big Qualicum River	–	–	–	–	–	–	–
13	Big Qualicum River to and including Oyster River	–	–	–	–	–	–	–
14	Oyster River to Adams River, with surrounding district	–	–	–	–	–	–	–
15	Adams River to Cape Scott with surrounding district	–	–	–	–	–	–	–
16	Bute Inlet to Power Point	–	–	–	–	–	–	–
	Total quantity	–	–	3	3	17	17	166
	Total value	–	–	24	36	204	340	103,750

I. Fish Caught and Marketed, 1919

Whalebone and Meal	Whale Fertilizer	Whale Oil	Fish Oil	Fish Offal	Fish Scrap and Fertilizer	
Marketed	Marketed	Marketed	Marketed	Marketed	Marketed	
tons	tons	gal.	gal.	tons	tons	
344	**1,200**	**609,969**	**54,954**	**300**	**1,547**	
10,320	**108,000**	**530,548**	**35,097**	**450**	**19,306**	
–	–	–	11,938	–	184	1
–	–	–	8,265	–	9,683	
–	–	–	–	–	–	2
–	–	–	–	–	–	3
–	–	–	–	–	–	4
–	–	–	–	–	–	5
–	–	–	–	–	–	6
220	729	393,784	–	–	–	7
220	729	393,784	–	–	–	
6,600	65,610	335,982	–	–	–	
124	471	216,185	–	–	–	8
–	–	–	–	–	–	9
–	–	–	750	–	–	10
–	–	–	–	–	–	11
–	–	–	34,000	300	–	12
–	–	–	–	–	–	13
–	–	–	4,700	–	663	14
–	–	–	–	–	–	15
–	–	–	3,566	–	700	16
124	471	216,185	43,016	300	1,363	
3,720	42,390	194,566	26,832	450	9,623	

II. AGENCIES OF PRODUCTION

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Vessels			
		Sailing and Gasoline Vessels			
		20–40 tons	10–20 tons	Total value	Total Men
	PRINCE EDWARD ISLAND	no.	no.	$	no.
	Totals for Province	**5**	**8**	**12,500**	**40**
1	Kings County—Total	4	4	7,000	26
2	Queens County—Total	–	2	2,000	6
3	Prince County— Western portion: Baptist point to and including Cascumpeque Bay	1	2	3,500	8
4	Eastern portion: East of Baptist Point and Cascumpeque Bay	–	–	–	–
	Totals for County	1	2	3,500	8

	Fishing Districts	Fishing Gear					
		Gillnets, seines, trap and smelt nets, etc.		Trawls		Hand lines	
		No.	Value	No	Value	No.	Value
	PRINCE EDWARD ISLAND		$		$		$
	Totals for Province	**6,000**	**157,500**	**1,370**	**64,800**	**1,940**	**2,910**
1	Kings County—Total	1,700	51,000	1,000	50,000	1,000	1,500
2	Queens County—Total	2,100	52,500	105	4,200	600	900
3	Prince County— Western portion: Baptist point to and including Cascumpeque Bay	1,000	30,000	250	10,000	40	60
4	Eastern portion. East of Baptist Point and Cascumpeque Bay	1,200	24,000	15	600	300	450
	Totals for County	2,200	54,000	265	10,600	340	510

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II. Agencies of Production, 1919—Part 1. In Primary Operations

Boats					Carrying Smacks			
Sail and row		Gasoline		Total Men				
No.	Value	No.	Value	No.	No.	Value	Men	
	$		$			$	no.	
167	**5,990**	**1,674**	**219,080**	**3,332**	**11**	**2,550**	19	
100	4,000	610	122,000	1,320	6	1,500	10	1
60	1,500	650	13,000	1,370	1	200	2	2
7	490	206	37,080	426	3	600	5	3
–	–	208	47,000	216	1	250	2	4
7	490	414	84,080	642	4	850	7	

Fishing Gear						Small Fish and Smoke Houses		
Lobster Traps		Fishing Piers and Wharves		Freezers and Ice Houses				
No.	Value	No.	Value	No.	Value	No.	Value	
	$		$		$		$	
287,501	**431,251**	**29**	**68,000**	**7**	**14,500**	**474**	**23,650**	
113,700	170,550	8	59,000	1	10,000	140	7,000	1
58,070	87,105	20	4,000	1	1,000	186	9,300	2
63,731	95,596	1	5,000	5	3,500	127	6,300	3
52,000	78,000	–	–	–	–	21	1,050	4
115,731	173,596	1	5,000	5	3,500	148	7,350	

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Steam Trawlers				Steam Vessels			
		No.	Tonnage	Value	Men	No.	Tonnage	Value	Men
	Nova Scotia			$	no.			$	no.
	Totals for Province	**7**	**2,113**	**885,000**	**138**	**6**	**3,254**	**24,000**	**34**
	Richmond County—								
1	Inverness County line to St. Peter's canal, including Ile Madame	–	–	–	–	–	–	–	–
2	St. Peter's canal to Cape Breton county line.	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–
	Cape Breton County—								
3	Richmond County line to White Point and head of East Bay	–	–	–	–	–	–	–	–
4	White Point to Bridgeport	–	–	–	–	–	–	–	–
5	Bridgeport and head of East Bay to Victoria County line	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–
	Victoria County—								
6	South of Barachois River	–	–	–	–	–	–	–	–
7	Barachois River to Green Cove	–	–	–	–	–	–	–	–
8	Green Cove to Inverness County line	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–
	Inverness County—								
9	North of Broad Cove, Scotsville and Gillander Mountain	–	–	–	–	–	–	–	–
10	Broad Cove, Scotsville and Gillander Mountain, to Richmond County line	2	800	275,000	45	–	–	–	–
	Totals for County	2	800	275,000	45	–	–	–	–
	Cumberland County—								
11	New Brunswick line to Cape Cliff	–	–	–	–	–	–	–	–
12	Cape Cliff to Colchester County line	–	–	–	–	–	–	–	–
13	Bay of Fundy	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–
	Colchester County—								
14	Strait of Northumberland	–	–	–	–	–	–	–	–
15	Hants County line to Salmon river	–	–	–	–	–	–	–	–
16	Salmon river to Cumberland County line	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–
	Pictou County—								
17	Colchester county line to Pictou Harbour, including Pictou Island	–	–	–	–	1	3,127	5,000	5
18	East of Pictou Harbour to Antigonish County line	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	1	3,127	5,000	5
	Antigonish County—Totals	–	–	–	–	–	–	–	–
	Guysborough County—								
19	Antigonish County line to New Harbour	1	191	110,000	–	–	–	–	–
20	New Harbour to Halifax County line	–	–	–	21	–	–	–	–
	Totals for County	1	191	110,000	21	–	–	–	–

II. Agencies of Production, 1919—Part 1. In Primary Operations

Sailing and Gasoline Vessels					Boats					Carrying Smacks			
					Sail and Row		Gasoline		Total men				
40 tons and over	20-40 tons	10-20 tons	Total value	Total men	No.	Value	No.	Value	No.	No.	Value	Men	
no.	no.	no.	$	no.		$		$			$	no.	
137	**69**	**318**	**2,981,015**	**4,525**	**7,099**	**272,161**	**5,382**	**1,297,892**	**17,067**	**204**	**114,615**	**319**	
2	8	33	42,000	250	270	5,500	86	17,800	990	6	1,400	8	1
–	–	1	750	3	590	25,000	100	28,000	910	7	4,400	12	2
2	8	34	42,750	253	860	30,500	186	45,800	1,900	13	5,800	20	
–	–	–	–	–	88	3,300	30	3,500	236	2	800	3	3
–	–	13	8,100	74	72	4,750	217	56,600	564	11	4,600	26	4
–	–	2	1,200	8	85	4,250	32	4,800	215	3	3,600	6	5
–	–	15	9,300	82	245	12,300	279	64,900	1,015	16	9,000	35	
–	–	–	–	–	91	2,230	23	4,872	127	2	800	2	6
–	–	16	10,500	80	276	15,740	35	9,700	622	4	1,000	4	7
–	–	–	–	–	179	7,160	32	6,400	290	8	2,000	12	8
–	–	16	10,500	80	546	25,130	90	20,972	1,039	14	3,800	18	
–	5	20	19,000	108	26	3,645	220	57,000	683	6	2,400	12	9
–	–	–	–	–	153	4,200	180	41,305	481	10	3,500	11	10
–	5	20	19,000	108	179	7,845	400	98,305	1,164	16	5,900	23	
–	–	–	–	–	–	–	53	7,950	53	–	–	–	11
–	–	–	–	–	20	800	85	17,000	113	–	–	–	12
–	–	1	225	4	3	150	6	900	26	–	–	–	13
–	–	1	225	4	23	950	144	25,850	192	–	–	–	
–	–	–	–	–	3	150	–	–	18	–	–	–	14
–	–	–	–	–	107	1,070	–	–	165	–	–	–	15
–	–	–	–	–	15	750	3	450	39	–	–	–	16
–	–	–	–	–	125	1,970	3	450	222	–	–	–	
–	–	1	1,500	4	–	–	200	30,000	250	2	2,000	4	17
–	–	–	–	–	14	280	26	5,200	42	–	–	–	18
–	–	1	1,500	4	14	280	226	35,200	292	2	2,000	4	
–	–	–	–	–	98	1,940	95	13,275	232	11	2,510	11	
–	5	50	45,250	237	1,012	53,405	237	69,810	1,249	37	20,565	54	19
–	1	7	6,200	42	–	–	257	51,400	296	10	3,000	10	20
–	6	57	51,450	279	1,012	53,405	494	121,210	1,545	47	23,565	64	

II. Agencies of Production, 1919—Part I. In Primary Operations

	Fishing Districts	Fishing Gear					
		Gill Nets, Seines, Trap and Smelt Nets, etc.		Weirs		Trawls	
		No.	Value	No.	Value	No.	Value
	Nova Scotia—Continued		$		$		$
	Totals for Province	**68,068**	**968,988**	**168**	**49,790**	**18,562**	**310,642**
	Richmond County—						
1	Inverness County line to St. Peter's Canal, including Ile Madame	4,700	50,000	3	80	1,600	2,150
2	St. Peter's canal to Cape Breton County line	2,400	30,000	–	–	75	800
	Totals for County	7,100	80,000	3	80	1,675	2,950
	Cape Breton County—						
3	Richmond County line to White Point and head of East Bay	375	7,500	–	–	–	–
4	White Point to Bridgeport	1,430	19,300	–	–	460	4,510
5	Bridgeport and head of East Bay to Victoria County line	342	7,920	–	–	80	350
	Totals for County	2,147	34,720	–	–	540	4,860
	Victoria County—						
6	South of Barachois River	168	8,250	–	–	85	825
7	Barachois River to Green Cove	700	19,080	–	–	688	5,176
8	Green Cove to Inverness County line	380	15,400	–	–	80	1,600
	Totals for County	1,248	42,730	–	–	853	7,601
	Inverness County—						
9	North of Broad Cove, Scotsville and Gillander Mountain	935	19,600	45	1,800	520	7,860
10	Broad Cove, Scotsville and Gillander Mountain to Richmond County line	928	14,100	–	–	465	5,250
	Totals for County	1,863	33,700	45	1,800	985	13,110
	Cumberland County—						
11	New Brunswick line to Cape Cliff	100	5,000	–	–	–	–
12	Cape Cliff to Colchester County line	27	600	–	–	–	–
13	Bay of Fundy	20	320	4	800	–	–
	Totals for County	147	5,920	4	800	–	–
	Colchester County—						
14	Strait of Northumberland	15	600	–	–	–	–
15	Hants County line to Salmon River	180	1,550	–	–	–	–
16	Salmon River to Cumberland County line	17	255	7	1,000	–	–
	Totals for County	212	2,405	7	1,000	–	–
	Pictou County—						
17	Colchester County line to Pictou Harbour, including Pictou Island	245	5,725	–	–	–	–
18	East of Pictou Harbour to Antigonish County line	71	13,550	–	–	77	154
	Totals for County	316	19,275	–	–	77	154
19	Antigonish County—Totals	679	13,040	–	–	200	1,000
	Guysborough County—						
20	Antigonish County line to New Harbour	14,714	176,468	–	–	2,470	24,840
21	New Harbour to Halifax County line	1,080	6,950	2	50	300	2,750
	Totals for County	15,794	183,418	2	50	2,770	27,590

II. Agencies of Production, 1919—Part 1. In Primary Operations

Fishing Gear										
Hand Lines		Lobster Traps		Fishing Piers and Wharves		Freezers and Ice Houses		Small Fish and Smoke Houses		
No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	
	$		$		$		$		$	
32,734	**34,480**	**631,773**	**889,202**	**2,012**	**1,103,370**	**385**	**716,375**	**4,907**	**495,548**	
1,200	1,500	8,000	11,300	58	9,500	5	3,700	208	10,500	1
750	675	8,500	9,000	21	3,200	–	–	200	7,750	2
1,950	2,175	16,500	20,300	79	12,700	5	3,700	408	18,250	
205	175	2,200	2,400	16	2,400	2	150	36	1,368	3
1,750	2,550	22,155	32,800	68	11,000	10	2,500	159	6,350	4
300	340	3,150	9,450	25	1,500	5	3,000	–	–	5
2,255	3,065	27,505	44,750	109	14,900	17	5,650	195	7,718	
193	189	1,240	1,545	–	–	–	–	11	375	6
796	796	3,300	5,000	18	85,000	9	5,600	138	6,700	7
804	804	6,330	9,495	16	6,000	6	2,100	50	10,000	8
1,793	1,789	10,870	16,040	34	91,000	15	7,700	199	16,775	
1,262	1,300	18,005	19,781	23	34,500	12	10,150	20	2,200	9
804	929	29,400	29,400	9	43,000	6	44,000	8	5,000	10
2,066	2,229	47,405	49,181	32	77,500	18	54,150	28	7,200	
–	–	10,900	10,900	2	200	–	–	7	7,000	11
–	–	20,500	20,500	–	–	–	–	–	–	12
14	14	1,380	1,380	–	–	–	–	–	–	13
14	14	32,780	32,780	2	200	–	–	7	7,000	
–	–	–	–	–	–	–	–	–	–	14
–	–	–	–	–	–	–	–	–	–	15
–	–	–	–	–	–	–	–	3	400	16
–	–	–	–	–	–	–	–	3	400	
–	–	45,850	45,850	–	–	–	–	–	–	17
–	–	3,750	3,750	–	–	16	480	–	–	18
–	–	49,600	49,600	–	–	16	480	–	–	
320	160	36,930	29,697	–	–	6	5,500	126	1,500	19
3,800	3,800	50,115	75,173	147	99,925	32	145,850	533	104,750	20
500	250	15,400	15,400	36	1,700	26	1,700	187	5,100	21
4,300	4,050	65,515	90,573	183	101,625	58	147,550	720	109,850	

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Vessels							
		Steam Trawlers				Steam Vessels			
		No.	Tonnag	Value	Men	No.	Tonnage	Value	Men
	Nova Scotia—Continued			$	no.			$	no.
	Halifax County—								
	1 Guysboro County line to East Ship Harbour	–	–	–	–	–	–	–	–
	2 West Ship Harbour to (but not including) Cole Harbour	–	–	–	–	–	–	–	–
	3 Cole Harbour to Lunenburg County line	3	986	300,000	50	–	–	–	–
	Totals for County	3	986	300,000	50	–	–	–	–
4	Hants County—Totals	–	–	–	–	–	–	–	–
	Lunenburg County—								
5	Halifax County line to Mahone Bay	–	–	–	–	–	–	–	–
6	Mahone Bay to Queens county line	1	136	200,000	22	–	–	–	–
	Totals for County	1	136	200,000	22	–	–	–	–
	Queens County—								
7	Lunenburg County line to Port Medway Harbour	–	–	–	–	–	–	–	–
8	Port Medway Harbour to Shelburne County line	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–
	Shelburne County—								
9	Queens County line to Negro Harbour	–	–	–	–	–	–	–	–
10	Negro Harbour (inclusive) to Yarmouth county line	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–
11	Yarmouth County—Total	–	–	–	–	4	95	18,000	25
	Digby County—								
12	Yarmouth County line to Weymouth	–	–	–	–	–	–	–	–
13	Weymouth to Annapolis county line, including Digby Neck	–	–	–	–	1	32	1,000	4
	Totals for County	–	–	–	–	1	32	1,000	4
14	Annapolis County—Totals	–	–	–	–	–	–	–	–
	Kings County—								
15	Annapolis County line to Cunard	–	–	–	–	–	–	–	–
16	Cunard to Hants County line	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	–	–	–

II. Agencies of Production, 1919—Part 1. In Primary Operations

Sailing and Gasoline Vessels					Boats					Carrying Smacks			
					Sail and row		Gasoline		Total men				
40 tons and over	20-40 tons	10-20 tons	Total value	Total men	No.	Value	No.	Value	No.	No.	Value	Men	
no.	no.	no.	$	no.		$		$			$	no.	
–	2	6	4,500	24	28	1,290	130	2,600	225	12	1,350	12	1
–	3	2	15,120	21	400	10,000	175	30,000	475	–	–	–	2
8	17	57	148,000	361	1,728	86,400	195	58,500	1,428	9	10,800	10	3
8	22	65	167,620	406	2,156	97,690	500	91,100	2,128	21	12,150	22	
–	–	–	–	–	65	1,514	7	1,300	85	–	–	–	4
3	2	22	50,000	139	309	9,290	180	63,000	500	1	1,000	4	5
101	–	16	2,241,500	2,196	–	–	219	70,080	299	3	990	3	6
104	2	38	2,301,500	2,335	309	9,290	399	133,080	799	4	1,990	7	
–	–	3	1,300	13	35	960	38	7,600	99	–	–	–	7
–	2	10	20,000	51	6	300	400	50,000	512	4	2,500	6	8
–	2	13	21,300	64	41	1,260	438	57,600	611	4	2,500	6	
6	10	17	89,400	193	552	8,900	291	47,200	1,437	4	10,800	12	9
–	3	17	15,500	113	120	3,000	461	140,000	985	12	5,250	18	10
6	13	34	104,900	306	672	11,900	752	187,200	2,422	16	16,050	30	
13	10	10	180,000	442	118	2,360	560	168,000	1,068	15	6,000	25	11
–	–	9	4,000	46	126	2,520	194	51,450	951	3	1,150	6	12
3	–	2	41,000	80	188	4,830	397	121,450	874	20	17,700	40	13
3	–	11	45,000	126	314	7,350	591	172,900	1,825	23	18,850	46	
1	1	1	25,000	29	277	5,580	176	48,150	390	2	4,500	8	14
–	–	2	1,000	7	35	700	42	12,600	128	–	–	–	15
–	–	–	–	–	10	200	–	–	10	–	–	–	16
–	–	2	1,000	7	45	900	42	12,600	138	–	–	–	

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Fishing Gear					
		Gill Nets, Seines, Trap and Smelt Nets, etc.		Weirs		Trawls	
		No.	Value	No.	Value	No.	Value
	Nova Scotia—Concluded.		$		$		$
	Halifax County—						
1	Guysboro County line to East Ship Harbour	1,570	7,500	–	–	18	320
2	West Ship Harbour to (but not including) Cole Harbour	2,000	18,000	–	–	100	1,500
3	Cole Harbour to Lunenburg County Line	16,171	177,203	–	–	1,694	32,095
	Totals for County	19,741	202,703	–	–	1,812	33,915
4	Hants County—Totals	182	3,050	4	360	–	–
	Lunenburg County—						
5	Halifax County line to Mahone Bay	2,600	70,000	–	–	400	10,000
6	Mahone Bay to Queens County line	3,400	51,000	–	–	707	56,560
	Totals for County	6,000	121,000	–	–	1,107	66,560
	Queens County—						
7	Lunenburg County line to Port Medway Harbour	402	3,800	–	–	80	640
8	Port Medway Harbour to Shelburne County line	2,000	40,000	–	–	500	20,000
	Totals for County	2,402	43,800	–	–	580	20,640
	Shelburne County—						
9	Queens County line to Negro Harbour	2,860	40,000	–	–	2,135	38,430
10	Negro Harbour (inclusive) to Yarmouth County-line	3,000	33,000	–	–	810	16,200
	Totals for County	5,860	73,000	–	–	2,945	54,63
11	Yarmouth County—Total	2,265	70,960	5	2,000	1,050	21,000
	Digby County—						
12	Yarmouth County line to Weymouth	444	4,440	3	1,750	392	2,952
13	Weymouth to Annapolis County line, including Digby Neck	1,053	24,265	24	24,000	2,500	30,000
	Totals for County	1,497	28,705	27	25,750	2,892	32,952
14	Annapolis County—Totals	484	8,660	31	7,900	986	23,180
	Kings County—						
15	Annapolis County line to Cunard	100	1,500	40	10,050	90	500
16	Cunard to Hants County line	31	402	–	–	–	–
	Totals for County	131	1,902	40	10,050	90	500

II. Agencies of Production, 1919—Part 1. In Primary Operations

Fishing Gear										
Hand Lines		Lobster Traps		Fishing Piers and Wharves		Freezers and Ice Houses		Small Fish and Smoke Houses		
No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	
	$		$		$		$		$	
670	670	25,000	25,000	90	3,000	4	270	142	5,000	1
1,410	1,410	18,200	18,200	90	4,300	2	250	252	11,200	2
2,910	1,455	28,417	72,834	504	100,475	41	44,890	565	122,680	3
4,990	3,535	71,617	116,034	684	107,775	47	45,410	959	138,880	
–	–	–	–	–	–	–	–	–	–	4
1,300	780	13,500	13,500	132	11,250	7	1,500	235	16,450	5
4,500	3,150	28,371	28,371	18	227,000	1	2,500	431	64,650	6
5,800	3,930	41,871	41,871	150	238,250	8	4,000	666	81,100	
350	262	3,870	5,805	28	1,120	13	780	98	2,940	7
600	600	20,000	40,000	200	10,000	10	250,000	200	5,000	8
950	862	23,870	45,805	228	11,120	23	250,780	298	7,940	
1,420	2,130	29,030	58,060	234	79,600	5	150,000	390	23,810	9
675	850	62,000	93,000	85	25,000	19	2,000	150	8,000	10
2,095	2,980	91,030	151,060	319	104,600	24	152,000	540	31,810	
2,500	5,000	78,000	156,000	41	241,000	13	8,100	141	15,200	11
1,115	1,115	19,550	19,550	–	–	13	375	169	10,225	12
1,521	1,521	9,155	13,732	118	87,700	54	20,655	227	23,300	13
2,636	2,636	28,705	33,282	118	87,700	67	21,030	396	33,525	
815	1,680	8,325	10,404	33	15,000	31	8,150	168	16,350	14
250	375	1,250	1,825	–	–	37	2,175	53	2,050	15
–	–	–	–	–	–	–	–	–	–	16
250	375	1,250	1,825	–	–	37	2,175	53	2,050	

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Vessels								
		Steam Vessels				Sailing and Gasoline Vessels				
		No.	Tonnage	Value	Men	40 tons and over	20-40 tons	10-20 tons	Total Value	Total Men
	NEW BRUNSWICK—SEA FISHERIES			$	no.	no.	no.	no.	$	no.
	Total Sea Fisheries for Province	**1**	**16**	**4,000**	**3**	**–**	**38**	**339**	**311,400**	**1,349**
	Charlotte County—									
1	International Boundary line to Back Bay	–	–	–	–	–	–	2	2,500	6
2	Back Bay to St. John County line	–	–	–	–	–	–	–	–	–
3	Campobello and Deer Islands	–	–	–	–	–	3	7	7,000	38
4	Grand Manan	–	–	–	–	–	–	60	65,000	180
	Totals for County	–	–	–	–	–	3	69	74,500	224
5	St. John County—Totals	–	–	–	–	–	1	3	1,700	9
6	Albert County—Totals	–	–	–	–	–	–	–	–	–
	Westmorland County—									
7	Bay of Fundy	–	–	–	–	–	–	–	–	–
8	Kent County line to Shemogue	–	–	–	–	–	1	–	1,000	3
9	Shemogue to Nova Scotia line	–	–	–	–	–	3	3	8,100	17
	Totals for County	–	–	–	–	–	4	3	9,100	20
	Kent County—									
10	Westmorland County line to Cocagne	–	–	–	–	–	–	–	–	
11	Cocagne to Chockfish River	–	–	–	–	–	–	8	7,500	16
12	Cockfish River to Northumberland county line	–	–	–	–	–	–	13	6,500	33
	Totals for County	–	–	–	–	–	–	21	14,000	49
	Northumberland County—									
13	Kent county line to Bay du Vin	–	–	–	–	–	–	20	16,100	46
14	Northwest and Southwest Miramichi River	–	–	–	–	–	–	–	–	–
15	Bay du Vin to Point au Car	–	–	–	–	–	–	6	6,000	15
16	Point au Car to Nelson and Newcastle to Gloucester County line	1	16	4,000	3	–	1	3	4,400	18
	Totals for County	1	16	4,000	3	–	1	29	26,500	79
	Gloucester County—									
17	Northumberland County line to Tracadie Gully	–	–	–	–	–	–	1	800	3
18	Tracadie Gully to Shippegan	–	–	–	–	–	–	15	20,000	50
19	Shippegan and Miscou Islands	–	–	–	–	–	5	80	58,000	325
20	Lower Caraquet to Mizonette Point	–	–	–	–	–	24	118	106,800	590
21	Mizonette Point to Tetagouche River	–	–	–	–	–	–	–	–	–
22	Tetagouche River to Restigouche County line	–	–	–	–	–	–	–	–	–
	Totals for County	–	–	–	–	–	29	214	185,600	968
23	Restigouche County—Totals	–	–	–	–	–	–	–	–	–

II. Agencies of Production, 1919—Part 1. In Primary Operations

Boats					Carrying Smacks			
Sail and Row	Value	Gasoline	Value	Total Men	No.	Value	Men	
no.	$	no.	$	no.		$	no.	
4,405	**127,175**	**1,812**	**693,700**	**8,803**	**177**	**132,210**	**297**	
454	11,350	90	31,500	443	21	63,700	42	1
335	9,000	144	38,000	456	9	36,000	10	2
310	5,000	350	108,000	655	43	20,000	86	3
220	4,400	230	120,000	420	–	–	–	4
1,319	29,750	814	297,500	1,974	73	119,700	138	
176	5,140	210	60,250	461	6	4,800	14	5
–	–	3	450	6	–	–	–	6
8	1,200	–	–	16	–	–	–	7
5	1,000	44	13,200	98	2	1,000	4	8
–	–	299	130,000	600	–	–	–	9
13	2,200	343	143,200	714	2	1,000	4	
220	5,000	12	3,000	265	–	–	–	10
400	12,000	100	50 000	1,000	–	–	–	11
142	6,100	162	48,200	608	4	2,000	8	12
762	23,100	274	101,200	1,873	4	2,000	8	
5	1,500	49	12,600	90	34	1,360	68	13
65	1,310	4	2,00	76	–	–	–	14
–	–	2	650	2	50	1,000	50	15
340	11,800	7	2,100	414	4	1,500	8	16
410	14,610	53	17,350	582	88	3,860	126	
125	9,375	9	5,400	268	–	–	–	17
230	10,000	8	3,500	280	–	–	–	18
80	1,600	45	36,000	250	–	–	–	19
44	2,200	12	6,000	112	–	–	–	20
150	1,000	11	5,000	322	–	–	–	21
850	21,250	15	9,750	1,735	–	–	–	22
1,479	45,425	100	65,650	2,967	–	–	–	
246	6,950	15	8,100	226	4	850	7	23

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Fishing Gear					
		Gill Nets, Seines, Trap and Smelt Nets		Weirs		Trawls	
		No.	Value	No.	Value	No.	Value
			$		$		$
	NEW BRUNSWICK—SEA FISHERIES—concluded						
	Total Sea Fisheries for Province	**53,008**	**775,673**	**589**	**955,800**	**795**	**32,775**
	Charlotte County—						
1	International Boundary line to Back Bay	733	75,500	153	288,500	38	3,800
2	Back Bay to St. John County line	545	81,250	139	218,600	72	9,600
3	Campobello and Deer Islands	500	17,000	115	70,000	145	5,300
4	Grand Manan	670	42,000	100	300,000	260	6,000
	Totals for County	2,448	215,750	507	877,100	515	24,700
5	St. John County—Totals	1,384	39,675	77	76,500	39	4,000
6	Albert County—Totals	–	–	1	300	–	–
	Westmorland County—						
7	Bay of Fundy	50	1,300	2	700	–	–
8	Kent County line to Shemogue	5,275	63,325	–	–	–	–
9	Shemogue to Nova Scotia line	3,635	39,000	2	1,200	45	200
	Totals for County	8,960	103,625	4	1,900	45	200
	Kent County—						
10	Westmorland County line to Cocagne	602	11,223	–	–	–	–
11	Cocagne to Chockfish River	3,000	30,500	–	–	8	240
12	Chockfish River to Northumberland County line	5,260	19,200	–	–	70	1,110
	Totals for County	8,862	60,923	–	–	78	1,350
	Northumberland County—						
13	Kent County line to Bay du Vin	1,960	38,000	–	–	–	–
14	Northwest and Southwest Miramichi River	65	19,500	–	–	–	–
15	Bay du Vin to Point au Car	1,430	55,000	–	–	–	–
16	Point au Car to Nelson and Newcastle to Gloucester County line	3,050	122,000	–	–	–	–
	Totals for County	6,505	234,500	–	–	–	–
	Gloucester County—						
17	Northumberland County line to Tracadie Gully	1,800	18,000	–	–	–	–
18	Tracadie Gully to Shippegan	6,760	21,700	–	–	10	200
19	Shippegan and Miscou Islands	1,075	8,000	–	–	–	–
20	Lower Caraquet to Mizonette Point	590	20,900	–	–	90	1,800
21	Mizonette Point to Tetagouche River	24	4,360	–	–	15	150
22	Tetagouche River to Restigouche County line	5,000	6,000	–	–	3	375
	Totals for County	15,249	78,960	–	–	118	2,525
23	Restigouche County—Totals	9,600	42,240	–	–	–	–

II. Agencies of Production, 1919—Part 1. In Primary Operations

Fishing Gear										
Hand Lines		Lobster Traps		Fishing Piers and Wharves		Freezers and Ice Houses		Small Fish and Smoke Houses		
No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	
	$		$		$		$		$	
9,423	**7,916**	**219,896**	**338,936**	**381**	**144,700**	**163**	**226,900**	**1,110**	**415,550**	
298	420	427	642	9	900	–	–	16	2,000	1
115	115	4,075	5,650	12	11,000	1	1,000	10	2,700	2
1,500	1,000	2,500	3,750	105	11,000	–	–	150	17,000	3
650	650	16,500	33,000	130	51,000	–	–	480	296,000	4
2,563	2,185	23,502	43,042	256	73,900	1	1,000	656	317,700	
15	75	6,368	10,670	68	33,500	8	92,400	100	28,000	5
–	–	130	390	–	–	–	–	–	–	6
100	50	–	–	8	800	–	–	40	400	7
500	375	25,100	37,650	–	–	2	15,000	4	6,000	8
400	300	17,750	26,625	25	24,800	52	7,500	150	32,500	9
1,000	725	42,850	64,275	33	25,600	54	22,500	194	38,900	
–	–	12,600	18,900	–	–	–	–	–	–	10
350	263	8,860	13,290	3	1,500	5	8,500	1	3,000	11
480	360	34,800	52,200	17	7,600	21	20,200	12	2,400	12
830	623	56,260	84,390	20	9,100	26	28,700	13	5,400	
86	65	14,600	21,900	–	–	10	6,000	–	–	13
–	–	–	–	3	600	4	2,000	2	100	14
15	22	–	–	–	–	7	1,110	5	1,100	15
60	45	16,900	25,350	–	–	24	16,000	80	14,000	16
161	132	31,500	47,250	3	600	45	25,100	87	15,200	
520	390	1,750	2,625	–	–	6	7,200	55	8,250	17
1,000	750	5,500	8,250	–	–	8	12,000	1	500	18
1,200	900	13,136	19,694	–	–	2	6,000	–	–	19
1,220	915	19,400	29,100	–	–	1	4,000	–	–	20
644	966	11,000	16,500	–	–	–	–	–	–	21
200	150	4,500	6,750	–	–	4	3,000	–	–	22
4,784	4,071	55,286	82,919	–	–	21	32,200	56	8,750	
70	105	4,000	6,000	1	2,000	8	25,000	4	1,600	23

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Boats				Total Men
		Sail and Row		Gasoline		
		No.	Value	No.	Value	
	New Brunswick—Inland Fisheries		$		$	no.
	Total Inland Fisheries for Province	**277**	**5,105**	**15**	**3,625**	**395**
1	Madawaska County	10	200	–	–	20
2	Victoria County	7	105	–	–	10
3	Carleton County	35	350	–	–	35
4	York County	85	1,675	–	–	100
5	Sunbury County	40	1,000	4	900	64
6	Queens County	65	900	6	1,600	101
7	Kings County	35	875	5	1,125	65

In addition to the above there were used by anglers in inland New Brunswick 155 canoes valued at $4,750; 1,755 rods and

	Fishing Districts	Vessels			
		Sailing and Gasoline Vessels			
		40 Tons and over	10-20 Tons	Total Value	Total Men
	Quebec—Sea Fisheries	no.	no.	$	no.
	Total Sea Fisheries for Province	**4**	**5**	**18,500**	**43**
	Bonaventure—				
1	Head of tide to Miguacha	–	–	–	–
2	Miguacha to Paspebiac Point	–	–	–	–
3	Paspebiac Point to Point Maquereau	–	–	–	–
	Totals for County	–	–	–	–
	Gaspé (Mainland)—				
4	Point Maquereau to Barachois	–	–	–	–
5	Barachois to Fame Point	–	–	–	–
6	Fame Point to Cape Chat	–	–	–	–
	Totals for County	–	–	–	–
	Magdalen Islands—				
7	Southern Subdistrict	4	2	14,000	28
8	Northern Subdistrict	–	–	–	–
	Totals for County	4	2	14,000	28
	Saguenay—				
9	Tadoussac to Jambons	–	–	–	–
10	Jambons to Pigons	–	–	–	–
11	Pigons to St. Charles	–	2	2,500	9
12	St. Charles to Natashquan Point	–	–	–	–
13	Natashquan Point to Cape Whittle	–	1	2,000	6
14	Cape Whittle to Chicatica	–	–	–	–
15	Chicatica to Bonne Espérance	–	–	–	–
16	Bonne Espérance to Blanc Sablon	–	–	–	–
17	Anticosti Island	–	–	–	–
	Totals for County	–	3	4,500	15
18	Rimouski—Totals	–	–	–	–

II. Agencies of Production, 1919—Part 1. In Primary Operations

Men fishing without boats	Fishing Gear								
	Gill Nets		Eel Traps		Freezers and Ice-houses		Small Fish and Smoke-houses		
No.	No.	Value	No.	Value	No.	Value	No.	Value	
		$		$		$		$	
–	1,047	13,404	10	30	–	–	–	–	
–	50	200	–	–	–	–	–	–	1
–	7	84	–	–	–	–	–	–	2
–	40	800	–	–	–	–	–	–	3
–	110	1,900	–	–	–	–	–	–	4
–	400	4,800	–	–	–	–	–	–	5
–	340	2,620	10	30	–	–	–	–	6
–	100	3,000	–	–	–	–	–	–	7

lines, valued at $4,735 and 112 small fish and smoke-houses valued at $1,615.

Boats					Carrying Smacks			
Sail and Row		Gasoline		Total Men				
No.	Value	No.	Value		No.	Value	Men	
	$		$	no.		$	no.	
2,028	261,225	2,926	1,307,850	10,008	11	24,300	43	
18	500	–	–	38	–	–	–	1
130	7,475	8	2,200	178	6	20,000	28	2
360	15,600	85	26,000	580	–	–	–	3
508	23,575	93	28,200	796	6	20,000	28	
190	42,750	297	151,500	1,199	–	–	–	4
289	52,800	723	310,500	1,993	–	–	–	5
210	26,500	315	115,000	850	–	–	–	6
689	122,050	1,335	577,000	4,042	–	–	–	
70	2,800	480	240,000	1,615	4	3,400	8	7
50	15,000	255	140,250	780	–	–	–	8
120	17,800	735	380,250	2,395	4	3,400	8	
89	8,900	18	7,500	186	1	900	7	9
46	4,200	38	14,500	177	–	–	–	10
78	18,500	350	135,000	930	–	–	–	11
46	8,200	30	14,500	181	–	–	–	12
14	4,200	23	11,500	56	–	–	–	13
63	15,800	126	63,000	284	–	–	–	14
10	2,500	18	8,500	51	–	–	–	15
135	10,500	61	24,400	457	–	–	–	16
4	800	2	1,000	12	–	–	–	17
485	73,600	666	279,900	2,334	1	900	7	
226	24,200	97	42,500	441	–	–	–	18

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Fishing Gear					
		Gill Nets, Seines, Trap and Smelt Nets, etc.		Weirs		Trawls	
		No.	Value	No.	Value	No.	Value
	QUEBEC—SEA FISHERIES—concluded		$		$		$
	Total Sea Fisheries for Province	**11,053**	**552,350**	**51**	**2,550**	**837**	**28,940**
	Bonaventure—						
1	Head of tide to Miguacha	18	750	–	–	–	–
2	Miguacha to Paspebiac Point	210	6,300	–	–	25	700
3	Paspebiac Point to Point Maquereau	625	12,500	–	–	160	4,800
	Totals for County	853	19,550	–	–	185	5,500
	Gaspé (Mainland)—						
4	Point Maquereau to Barachois	1,368	47,640	–	–	488	16,640
5	Barachois to Fame Point	2,135	80,320	–	–	57	1,750
6	Fame Point to Cape Chat	1,250	58,000	–	–	–	–
	Totals for County	4,753	185,960	–	–	545	18,390
	Magdalen Islands—						
7	Southern Subdistrict	3,041	124,600	–	–	–	–
8	Northern Subdistrict	620	34,000	–	–	–	–
	Totals for County	3,661	158,600	–	–	–	–
	Saguenay—						
9	Tadoussac to Jambons	414	16,560	51	2,550	6	360
10	Jambons to Pigons	305	15,800	–	–	–	–
11	Pigons to St. Charles	153	19,500	–	–	–	–
12	St. Charles to Natashquan Point	18	2,830	–	–	–	–
13	Natashquan Point to Cape Whittle	35	5,500	–	–	–	–
14	Cape Whittle to Cape Chicatica	201	43,500	–	–	–	–
15	Chicatica to Bonne Espérance	38	13,500	–	–	21	690
16	Bonne Espérance to Blanc Sablon	174	52,300	–	–	80	4,000
17	Anticosti Island	6	250	–	–	–	–
	Totals for County	1,344	169,740	51	2,550	107	5,050
18	Rimouski—Totals	442	18,500	–	–	–	–

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II. Agencies of Production, 1919—Part I. In Primary Operations

Fishing Gear										
Hand Lines		Lobster Traps		Fishing Piers and Wharves		Freezers and Ice-houses		Small Fish and and Smoke-houses		
No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	
	$		$		$		$		$	
25,812	50,345	64,401	84,872	284	149,950	257	66,360	1,569	314,200	
35	75	–	–	–	–	3	500	3	450	1
525	650	1,000	1,500	1	30,000	7	2,300	30	6,000	2
1,200	1,500	2,800	4,200	–	–	21	6,000	40	8,000	3
1,760	2,225	3,800	5,700	1	30,000	31	8,800	73	14,450	
4,548	9,096	5,500	11,000	10	7,800	11	2,860	38	9,500	4
7,640	15,280	3,300	6,600	24	16,200	30	8,400	360	53,600	5
890	1,780	–	–	5	10,000	20	4,500	172	72,500	6
13,078	26,156	8,800	17,600	39	34,000	61	15,760	570	135,600	
1,800	3,600	26,000	30,000	9	10,500	25	9,500	385	34,500	7
1,250	2,500	25,000	30,000	14	7,000	17	6,500	46	27,800	8
3,050	6,100	51,000	60,000	23	17,300	42	16,000	431	62,300	
408	816	–	–	–	–	93	9,500	49	6,800	9
358	716	–	–	4	850	22	5,500	48	8,900	10
3,744	7,488	–	–	15	14,500	1	600	81	13,800	11
724	1,448	25	50	35	6,500	–	–	51	11,500	12
244	488	400	800	16	2,800	–	–	14	3,200	13
723	1,446	316	632	82	22,300	–	–	116	18,900	14
142	300	60	90	15	2,200	–	–	21	3,100	15
695	1,390	–	–	48	7,500	–	–	103	28,250	16
24	48	–	–	–	–	2	3,000	2	500	17
7,062	14,140	801	1,572	215	56,650	118	18,600	485	94,950	
862	1,724	–	–	6	11,800	5	7,200	10	6,900	1

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Steam Vessels or Tugs				Boats					Men fishing without boats	Gill Nets		Sei
		No.	Tonnage	Value	Men	Sail & Row	Value	Gasoline	Value	Total Men	No.	No.	Value	No.
	QUEBEC—INLAND FISHERIES			$		no.	$	no.	$	no.			$	
	Total Inland Fisheries for Province	–	–	–	–	**646**	**17,695**	**90**	**35,750**	**605**	**68**	**474**	**8,120**	**352**
	Below Quebec—													
1	Témiscouata County	–	–	–	–	12	500	3	950	21	4	8	300	1
2	Kamouraska County	–	–	–	–	12	775	3	600	21	5	8	250	1
3	L'Islet County	–	–	–	–	10	300	2	600	18	12	6	190	–
4	Montmagny County	–	–	–	–	18	1,000	5	1,600	28	15	5	350	–
5	Bellechasse County	–	–	–	–	26	1,500	8	2,000	45	12	24	2,200	–
6	Montmorency County	–	–	–	–	23	1,500	9	3,600	43	8	5	550	–
7	Charlevoix County	–	–	–	–	12	2,500	4	1,800	29	–	4	350	–
8	Chicoutimi County	–	–	–	–	4	650	3	1,200	14	12	22	2,400	2
	Totals	–	–	–	–	117	8,725	37	12,350	219	68	82	6,590	4
	Above Quebec—													
1	Maskinongé County	–	–	–	–	181	1,810	4	400	33	–	–	–	–
2	Berthier County	–	–	–	–	34	340	–	–	34	–	–	–	12
3	L'Assomption County	–	–	–	–	14	1,700	1	90	16	–	–	–	22
4	Hochelaga County	–	–	–	–	1	18	–	–	4	–	–	–	1
5	Vaudreuil County	–	–	–	–	8	120	4	365	12	–	–	–	17
6	Soulanges County	–	–	–	–	16	330	–	–	8	–	–	–	12
7	Argenteuil County	–	–	–	–	15	150	–	–	15	–	2	20	–
8	Pontiac County	–	–	–	–	11	975	9	13,300	30	–	50	1,000	1
9	Huntingdon County	–	–	–	–	40	350	–	–	15	–	–	–	–
10	Beauharnois County	–	–	–	–	17	337	1	350	17	–	–	–	219
11	Châteauguay County	–	–	–	–	16	240	–	–	16	–	–	–	25
12	Laprairie and Napierville Counties	–	–	–	–	14	252	–	–	5	–	–	–	11
13	St. Jean County	–	–	–	–	29	580	–	–	24	1	–	–	2
14	Iberville County	–	–	–	–	–	–	4	2,000	16	–	–	–	2
15	Chambly County	–	–	–	–	11	190	–	–	24	–	–	–	2
16	Verchères County	–	–	–	–	10	142	–	–	8	–	–	–	3
17	St. Hyacinthe County	–	–	–	–	5	100	–	–	5	–	–	–	10
18	Yamaska County	–	–	–	–	–	–	19	4,750	40	–	–	–	1
19	Nicolet County	–	–	–	–	86	591	10	1,345	47	–	340	510	8
20	Lotbinière County	–	–	–	–	–	–	–	–	–	–	–	–	–
21	Lévis County	–	–	–	–	21	745	1	800	17	–	–	–	–
	Totals	–	–	–	–	529	8,970	53	23,400	386	–	392	1,530	348
	ONTARIO													
	Totals for Province	**123**	**3,074**	**669,365**	**716**	**1,285**	**83,790**	**768**	**384,702**	**3,440**	–	yards 5,960,158	**658,359**	**190**
1	Kenora and Rainy River Districts	4	30	4,200	10	88	4,365	89	36,797	249	–	164,864	30,816	–
2	Lake Superior	25	647	99,700	198	60	7,370	43	23,600	191	–	935,800	117,144	–
3	Lake Huron (North Channel)	20	520	108,400	99	55	3,310	32	23,600	133	–	862,470	75,761	–
4	Georgian Bay	16	343	72,700	74	64	4,390	73	42,090	260	–	915,104	85,041	5
5	Lake Huron (proper)	10	227	41,500	53	35	3,110	61	28,970	172	–	647,800	52,595	5
6	Lake St. Clair, etc.	–	–	–	–	136	7,063	75	23,275	380	–	–	–	82
7	Lake Erie	46	1,257	333,865	275	184	10,440	170	126,575	663	–	1,273,920	192,130	60
8	Lake Ontario	2	50	9,000	7	450	33,522	172	58,875	1,037	–	1,139,100	101,122	22
9	Inland Waters	–	–	–	–	213	10,220	53	20,920	355	–	21,100	3,750	15
	MANITOBA													
	Totals for Province	**19**	**1,521**	**222,000**	**162**	**209**	**57,770**	**8**	**5,500**	**449**	**1,721**	no. 25,110	**332,050**	–
1	Lake Winnipeg	13	1,363	192,000	131	81	33,800	1	2,500	248	535	5,860	99,000	–
2	Lake Winnipegosis	3	100	22,000	22	108	22,970	7	3,000	166	368	10,680	100,000	–
3	Lake Manitoba	–	–	–	–	–	–	–	–	–	507	5,070	76,050	–
4	The Pas	3	58	8,000	9	20	1,000	–	–	35	135	1,740	30,600	–
5	Lakes St. Martin, Dauphin, Waterhen, Pelican, Swan, Red Deer	–	–	–	–	–	–	–	–	–	176	1,760	26,400	–

NOTE.—In addition to above, equipment to the value of $5,103 was used in operations under settlers' permits in Manitoba

II. Agencies of Production, 1919—Part 1. In Primary Operations

nes	Fishing Gear																		
	Pound Nets		Hoop Nets		Dip or Roll Nets		Lines		Spears		Weirs		Piers and Wharves		Freezers and Ice houses		Small Fish and Smoke houses		
Value	No.	Value	No.	Value	No	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	
		$		$		$		$		$		$		$		$		$	
5,423	**60**	**12,860**	**1,145**	**9,060**	**55**	**4,170**	**303**	**1,200**	**–**	**–**	**396**	**47,080**	**–**	**–**	**40**	**4,950**	**31**	**2,520**	
100	–	–	–	–	–	–	–	–	–	–	24	1,800	–	–	4	525	3	400	1
50	–	–	–	–	–	–	–	–	–	–	38	2,900	–	–	4	600	4	600	2
–	–	–	–	–	–	–	–	–	–	–	10	3,500	–	–	8	750	–	–	3
–	–	–	–	–	–	–	–	–	–	–	39	6,850	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	–	–	–	20	11,200	–	–	–	–	6	900	5
–	–	–	–	–	–	–	–	–	–	–	103	11,950	–	–	4	875	–	–	6
–	–	–	–	–	–	–	–	–	–	–	48	2,500	–	–	2	450	–	–	7
200	–	–	–	–	–	–	–	–	–	–	6	700	–	–	2	375	–	–	8
350	–	–	–	–	–	–	–	–	–	–	288	41,400	–	–	24	3,575	13	1,900	
–	–	–	–	–	–	–	10	25	–	–	–	–	–	–	–	–	–	–	1
120	–	–	106	530	–	–	13	39	–	–	–	–	–	–	–	–	–	–	2
1,100	–	–	–	–	17	170	–	–	–	–	9	270	–	–	4	100	10	200	3
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4
340	–	–	–	–	–	–	23	140	–	–	–	–	–	–	–	–	–	–	5
400	–	–	–	–	–	–	4	13	–	–	–	–	–	–	–	–	–	–	6
–	–	–	2	25	–	–	9	18	–	–	–	–	–	–	–	–	–	–	7
275	40	12,000	–	–	38	4,000	–	–	–	–	35	5 0	–	–	9	1,150	2	150	8
–	–	–	–	–	–	–	71	284	–	–	–	–	–	–	–	–	–	–	9
1,026	–	–	–	–	–	–	12	120	–	–	–	–	–	–	–	–	–	–	10
1,000	–	–	–	–	–	–	6	100	–	–	–	–	–	–	–	–	–	–	11
200	–	–	–	–	–	–	3	12	–	–	–	–	–	–	–	–	–	–	12
80	–	–	–	–	–	–	13	35	–	–	45	1,175	–	–	–	–	–	–	13
80	20	860	–	–	–	–	13	75	–	–	–	–	–	–	–	–	–	–	14
20	–	–	–	–	–	–	10	40	–	–	–	–	–	–	–	–	5	250	15
112	–	–	12	125	–	–	–	–	–	–	–	–	–	–	–	–	–	–	16
100	–	–	–	–	–	–	7	7	–	–	–	–	–	–	–	–	–	–	17
5	–	–	987	7,896	–	–	4	12	–	–	–	–	–	–	–	–	–	–	18
195	–	–	38	484	–	–	100	150	–	–	–	–	–	–	–	–	1	20	19
–	–	–	–	–	–	–	5	130	–	–	–	–	–	–	1	50	–	–	20
–	–	–	–	–	–	–	–	–	–	–	19	3,735	–	–	2	75	–	–	21
5,073	60	12,860	1,145	9,060	55	4,170	303	1,200	–	–	108	5,680	–	–	16	1,375	18	620	
29,939	**1,144**	**767,035**	**1,417**	**60,758**	**36**	**290**	**69,000**	**4,927**	**199**	**669**	**–**	**–**	**252**	**111,920**	**557**	**267,928**	**–**	**–**	
–	70	27,060	47	3,495	–	–	–	–	–	–	–	–	52	8,675	68	18,985	–	–	1
–	55	30,225	10	350	–	–	–	–	–	–	–	–	25	10,575	24	21,170	–	–	2
–	175	108,900	8	340	–	–	–	–	–	–	–	–	25	42,000	36	14,575	–	–	3
1,195	23	18,300	19	410	–	–	23,500	2,811	–	–	–	–	21	4,850	20	6,345	–	–	4
1,350	64	34,200	–	–	4	49	4,900	475	–	–	–	–	2	500	22	6,355	–	–	5
11,816	7	2,900	192	20,350	–	–	5,800	418	–	–	–	–	11	2,200	38	13,765	–	–	6
11,544	711	532,050	26	620	20	168	4,400	112	–	–	–	–	72	38,695	144	167,550	–	–	7
1,604	–	–	719	24,320	2	15	13,450	506	102	306	–	–	21	1,815	*177	10,808	–	–	8
3,430	39	13,400	396	10,873	10	58	16,950	605	97	363	–	–	23	2,610	28	8,375	–	–	9
–	–	–	–	–	–	–	**15**	**75**	–	–	–	–	**23**	**20,900**	**53**	**113,231**	**33**	**17,500**	
–	–	–	–	–	–	–	–	–	–	–	–	–	19	16,400	43	99,231	7	4,000	1
–	–	–	–	–	–	–	–	–	–	–	–	–	4	4,500	6	10,000	6	3,000	2
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17	7,000	3
–	–	–	–	–	–	–	15	75	–	–	–	–	–	–	4	4,000	3	3,500	4
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5

* 102 of these are spearing houses, value $1,053.

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Vessels				Boats					Men fishing without boats
		Steam Vessels or Tugs				Sail and Row		Gasoline.		Total Men	
		No.	Tonnage	Value	Men	No.	Value	No.	Value	No.	No.
	SASKATCHEWAN			$	no.		$		$		
	Totals for Province	–	–	–	–	**144**	**3,452**	**20**	**7,450**	**220**	**513**
1	Cold Lake District	–	–	–	–	20	500	3	1,000	23	54
2	Onion Lake District	–	–	–	–	1	25	–	–	1	22
3	Jackfish and Murray Lakes	–	–	–	–	10	260	1	550	16	61
4	Turtle and Bright Sand Lake District	–	–	–	–	10	400	2	500	14	55
5	Waterhern Lake District	–	–	–	–	–	–	–	–	–	37
6	Isle à La Crosse District	–	–	–	–	18	356	4	1,200	22	39
7	Doré and La Plonge Lakes	–	–	–	–	17	629	1	350	19	53
8	Okemasis and Devils Lake District	–	–	–	–	6	275	1	350	8	4
9	Montreal Lake	–	–	–	–	–	–	–	–	–	19
10	Candle and Namew Lakes	–	–	–	–	–	–	–	–	–	9
11	Lenore Lake District	–	–	–	–	2	40	–	–	2	3
12	Lac La Ronge District	–	–	–	–	2	30	–	–	2	7
13	Green Lake and Beaver River	–	–	–	–	1	40	–	–	1	14
14	Saskatchewan River	–	–	–	–	27	297	–	–	27	6
15	Qu'Appelle Lakes and Lake Katepwe	–	–	–	–	–	–	–	–	–	100
16	Lowes Lake	–	–	–	–	30	600	8	3,500	85	30
	ALBERTA										
	Totals for Province	**3**	**105**	**7,000**	**9**	**79**	**2,525**	**94**	**47,080**	**222**	**314**
17	Athabasca	–	–	–	–	–	–	–	–	–	75
18	Edson	–	–	–	–	2	25	–	–	2	3
19	Lac Ste. Anne	–	–	–	–	9	675	3	335	15	11
20	Lac La Biche	2	70	5,000	4	25	300	12	6,000	40	15
21	Lesser Slave Lake	1	35	2,000	5	33	1,320	67	38,470	132	35
22	Ministik Lake	–	–	–	–	4	90	–	–	6	–
23	Moose Lake	–	–	–	–	–	–	–	–	–	39
24	Pigeon Lake	–	–	–	–	–	–	–	–	–	60
25	Saddle Lake	–	–	–	–	2	40	–	–	2	13
26	Sturgeon Lake	–	–	–	–	–	–	–	–	–	10
27	Sturgeon River	–	–	–	–	4	75	–	–	5	–
28	Trout Lake	–	–	–	–	–	–	–	–	–	31
29	Wabamun Lake	–	–	–	–	–	–	12	2,275	20	15
30	Red Deer	–	–	–	–	–	–	–	–	–	7
	YUKON										
	Totals for Territory	–	–	–	–	**35**	**875**	–	–	**85**	–

NOTE—In addition to above the following statement shows the equipment used by anglers and under Domestic License.

	Value
	$
SASKATCHEWAN—	
Domestic License	15,000
ALBERTA—	
Domestic License	21,500
Anglers Permits	24,000

II. Agencies of Production, 1919—Part 1. In Primary Operations

Fishing Gear																
Gill Nets		Pound Nets		Hoop Nets		Lines		Fish Wheels		Piers and Wharves		Freezers and Ice houses		Small Fish Smoke houses		
No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	
	$		$		$		$		$		$		$		$	
1,811	**42,928**	**-**	**-**	**20**	**200**	**16**	**90**	**-**	**-**	**15**	**1,625**	**24**	**4,300**	**5**	**695**	
221	8,840	-	-	-	-	-	-	-	-	-	-	2	500	1	150	1
59	975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
340	6,070	-	-	-	-	-	-	-	-	6	600	6	600	-	-	3
154	2,738	-	-	-	-	-	-	-	-	3	75	2	300	-	-	4
111	2,220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
183	3,660	-	-	-	-	-	-	-	-	2	200	-	-	-	-	6
256	6,400	-	-	-	-	-	-	-	-	1	50	2	600	1	500	7
35	700	-	-	-	-	-	-	-	-	2	200	1	500	-	-	8
51	1,275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
21	510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
26	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
42	500	-	-	-	-	-	-	-	-	-	-	1	300	-	-	13
13	260	-	-	20	200	16	90	-	-	-	-	-	-	3	45	14
173	2,020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
114	6,000	-	-	-	-	-	-	-	-	1	500	10	1,500	-	-	16
2,808	**58,600**	**1**	**350**	**-**	**-**	**-**	**-**	**-**	**-**	**26**	**11,905**	**41**	**12,215**	**66**	**3,450**	
225	3,375	-	-	-	-	-	-	-	-	-	-	-	-	50	2,500	17
25	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
130	3,250	-	-	-	-	-	-	-	-	2	50	3	220	-	-	19
250	6,000	1	350	-	-	-	-	-	-	2	6,000	2	6,000	-	-	20
1,435	25,830	-	-	-	-	-	-	-	-	12	5,550	20	5,100	4	350	21
8	160	-	-	-	-	-	-	-	-	2	50	-	-	-	-	22
120	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
300	3,600	-	-	-	-	-	-	-	-	-	-	4	250	5	250	24
64	1,280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
35	875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
20	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
93	6,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
96	4,075	-	-	-	-	-	-	-	-	8	255	12	645	7	350	29
7	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
150	**1,800**	**-**	**-**	**-**	**-**	**-**	**2**	**250**	**-**	**-**	**-**	**-**	**-**	**4**	**450**	

II. Agencies of Production, 1919—Part 1. In Primary Operations

	Fishing Districts	Vessels										
		Steam Trawlers				Steam Vessels				Sailing and		
		No.	Tonnage	Value	Men	No.	Tonnage	Value	Men	40 tons and over	20-40 tons	10-20 tons
	BRITISH COLUMBIA			$	no.			$	no.	no.	no.	no.
	Totals for Province	**3**	**342**	**190,000**	**62**	**20**	**1,311**	**523,000**	**426**	**9**	**93**	**166**
1	District No. 1—Totals	1	150	40,000	12	4	499	198,000	291	3	18	6
	District No. 2—											
2	Skeena River District	2	192	150,000	50	4	386	195,000	46	5	9	43
3	Rivers Inlet District	–	–	–	–	2	62	10,000	8	–	–	20
4	Naas River District	–	–	–	–	–	–	–	–	–	2	14
5	Bella Coola and Kimsquit	–	–	–	–	2	6	12,000	8	–	–	8
6	Addenbrooke Island to Lowe Inlet	–	–	–	–	2	81	18, 00	7	–	7	15
	Queen Charlotte Islands	–	–	–	–	3	111	15,000	33	–	1	7
	Totals for district	2	192	150,000	50	13	700	250,000	102	5	19	107
	District No. 3—											
7	Cape Scott to Tatchu Point	–	–	–	–	3	112	75,000	33	–	–	1
8	Tatchu Point to and including Wreck Bay	–	–	–	–	–	–	–	–	–	–	6
9	Wreck Bay to San Juan Harbour	–	–	–	–	–	–	–	–	–	41	9
10	Esquimalt Harbour to north side Cowichan Bay	–	–	–	–	–	–	–	–	–	3	3
11	Cowichan Bay to and including Big Qualicum river	–	–	–	–	–	–	–	–	1	2	10
12	Big Qualicum River to and including Oyster River	–	–	–	–	–	–	–	–	–	–	4
13	Oyster River to Adams River, with surrounding district	–	–	–	–	–	–	–	–	–	1	3
14	Adams River to Cape Scott, with surrounding district	–	–	–	–	–	–	–	–	–	9	5
15	Bute Inlet to Gower Point	–	–	–	–	–	–	–	–	–	–	12
	Totals for district	–	–	–	–	3	112	75,000	33	1	56	53

	Fishing Districts	Fishing Gear					
		Gill Nets, Seines, Trap and Smelt Nets, etc.		Halibut Gear (skates)		Trawls	
		No.	Value	No.	Value	No.	Value
	BRITISH COLUMBIA		$		$		$
	Totals for Province	**6,476**	**1,852,388**	**5,485**	**118,450**	**13**	**11,650**
1	District No. 1—Totals	2,078	407,600	4,100	49,200	11	1,650
	District No. 2—						
2	Skeena River District	1,159	259,000	1,385	69,250	2	10,000
3	Rivers Inlet District	977	201,900	–	–	–	–
4	Naas River District	578	167,329	–	–	–	–
5	Bella Coola and Kimsquit	404	90,000	–	–	–	–
6	Addenbrooke Island to Lowe Inlet	143	82,500	–	–	–	–
	Queen Charlotte Islands	19	18,300	–	–	–	–
	Totals for district	3,280	819,029	1,385	69,250	2	10,000
	District No. 3—						
7	Cape Scott to Tatchu Point	8	4,490	–	–	–	–
8	Tatchu Point to and including Wreck Bay	12	16,400	–	–	–	–
9	Wreck Bay to San Juan Harbour	179	206,145	–	–	–	–
10	Esquimalt Harbour to north side Cowichan Bay	142	84,690	–	–	–	–
12	Cowichan Bay to and including Big Qualicum river	208	53,145	–	–	–	–
13	Big Qualicum River to and including Oyster river	18	8,260	–	–	–	–
14	Oyster River to Adams River with surrounding district	37	31,265	–	–	–	–
15	Adams River to Cape Scott, with surrounding district	151	141,825	–	–	–	–
16	Bute Inlet to Gower Point	363	79,539	–	–	–	–
	Totals for district	1,118	625,759	–	–	–	–

II. Agencies of Production, 1919—Part 1. In Primary Operations

Gasoline Vessels		Boats								
		Sail and Row		Gasoline		Total Men	Carrying Smacks,			
Total value	Total men	No.	Value	No.	Value	No.	No.	Value	Men	
$	no.		$		$			$	no.	
1,930,350	**1,401**	**3,175**	**259,200**	**3,567**	**1,794,524**	**10,784**	**126**	**302,300**	**192**	
106,400	86	150	12,000	1,237	494,800	2,360	50	75,000	50	1
498,200	261	1,102	97,110	493	264,500	3,228	–	–	–	2
106,000	79	867	43,350	–	–	941	–	–	–	3
77,850	60	354	64,180	70	75,000	770	–	–	–	4
32,000	18	180	18,000	4	2,000	184	–	–	–	5
102,000	73	102	8,000	66	52,000	334	–	–	–	6
80,600	28	11	1,100	70	5,400	162	–	–	–	
896,650	519	2,616	231,740	703	398,900	5,619	–	–	–	
5,000	7	6	480	1	250	44	–	–	–	7
50,600	25	6	300	250	129,425	281	–	–	–	8
511,000	427	22	635	500	362,500	1,022	49	153,000	93	9
37,200	24	15	611	73	38,100	89	–	–	–	10
66,000	59	79	3,180	325	126,924	415	–	–	–	11
14,000	30	19	725	21	9,450	49	–	–	–	12
26,500	26	51	2,187	102	50,395	184	–	–	–	13
147,500	77	118	4,195	61	28,400	214	6	6,800	5	14
59,500	121	93	3,147	294	155,380	507	21	67,500	44	15
917,300	796	409	15,460	1,627	900,824	2,805	76	227,300	142	

Hand Lines		Crab Traps		Oyster Plant and Equipment		Fishing Piers and Wharves		Freezers and Ice houses		Small Fish and Smoke-houses		
No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	No.	Value	
	$		$		$		$		$		$	
6,852	**38,780**	**4,000**	**24,000**	**1**	**20,500**	**67**	**565,550**	**15**	**1,330,500**	**32**	**64,000**	
700	3,500	4,000	24,000	1	20,500	–	–	3	650,000	26	55,000	1
–	–	–	–	–	–	17	169,000	5	583,000	–	–	2
–	–	–	–	–	–	11	96,500	–	–	–	–	3
1,000	3,000	–	–	–	–	9	120,000	–	–	–	–	4
–	–	–	–	–	–	4	35,000	–	–	–	–	5
–	–	–	–	–	–	5	36,500	2	35,000	–	–	6
294	882	–	–	–	–	10	99,500	1	10,000	–	–	
1,294	3,882	–	–	–	–	56	556,500	8	628,000	–	–	
–	–	–	–	–	–	–	–	–	–	–	–	7
760	10,340	–	–	–	–	4	2,000	–	–	–	–	8
1,522	9,132	–	–	–	–	1	3,000	1	3,000	1	4,000	9
80	312	–	–	–	–	–	–	1	8,500	–	–	10
1,180	6,885	–	–	–	–	2	1,500	–	–	2	3,500	12
93	365	–	–	–	–	–	–	–	–	–	–	13
504	1,343	–	–	–	–	2	1,800	1	1,000	–	–	14
141	613	–	–	–	–	–	–	–	–	–	–	15
578	2,408	–	–	–	–	2	750	1	40,000	3	1,500	16
4,858	31,398	–	–	–	–	11	9,050	4	52,500	6	9,000	

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(a) General Summary of Statistics

	Province and County or District	Establishments	Capital	Total of Employees and of Salaries and Wages		Proprietors who regularly perform manual labour in establishment
		no.	$	no.	$	no.
	Canada—Totals	**928**	**23,200,874**	**18,356**	**4,257,811**	**307**
1	Lobster canneries	520	2,031,409	7,246	698,244	183
2	Salmon canneries	76	13,961,100	6,997	2,122,205	6
3	Sardine canneries	1				
4	Clam and other canneries	13	1,131,228	723	246,510	5
5	Whale oil and fish oil factories	10	1,475,121	385	246,998	4
6	Fish curing establishments	308	4,602,016	3,005	943,854	109
	Prince Edward Island—Totals	**195**	**525,810**	**1,978**	**157,853**	**108**
7	Lobster canneries	182				
8	Clam and other canneries	1	411,386	1,913	141,589	106
9	Fish curing establishments	12	114,424	65	16,264	2
	Kings County—					
10	Lobster canneries	44				
11	Clam and other canneries	1	180,242	725	60,865	32
12	Fish curing establishments	6	105,648	45	14,084	2
	Queens County—					
13	Lobster canneries	46	54,759	408	29,933	29
14	Fish curing establishments	1				
	Prince County—					
15	Lobster canneries	92	176,785	781	50,854	45
16	Fish curing establishments	5	8,376	19	2,117	-
	Nova Scotia—Totals	**264**	**3,828,517**	**4,050**	**869,221**	**77**
17	Lobster canneries	134	958,167	2,694	325,028	33
18	Clam and other canneries	6	375,089	200	80,258	2
19	Fish oil factory	1				
20	Fish curing establishments	123	2,495,261	1,156	463,935	42
	Richmond County—					
21	Lobster canneries	5	13,607	91	7,520	1
22	Fish curing establishments	4	63,966	53	16,567	-
	Cape Breton County—					
23	Lobster canneries	8	31,580	248	23,031	1
24	Fish oil factory	1				
25	Fish curing establishments	8	53,972	23	6,876	1
	Victoria County—					
26	Lobster canneries	11	19,708	159	9,081	
27	Fish curing establishments	13	63,026	155	29,258	8
	Inverness County—					
28	Lobster canneries	20	126,172	391	36,713	
29	Fish curing establishments	12	882,452	220	112,551	
	Cumberland County—					
30	Lobster canneries	18	45,320	221	16,216	2
31	Fish curing establishments	4	7,300	19	2,160	-
	Pictou County—					
32	Lobster canneries	15	93,423	362	36,766	4
	Antigonish County—					
33	Lobster canneries	7	23,156	226	19,862	-
	Guysboro County—					
34	Lobster canneries	10				
35	Clam and other canneries	1	464,737	320	124,564	2
36	Fish curing establishments	5	85,995	60	18,342	-
	Halifax County—					
37	Lobster canneries	8	32,945	107	16,827	-
38	Fish curing establishments	8	97,647	106	73,706	-

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(a) General Summary of Statistics

Fuel used	Miscellaneous Expenses	Value of Materials Used		Total Expenses	Value of Products		
		Fish	Salt, Containers, etc.		Fish marketed fresh	Fish canned, cured or otherwise prepared	
$	$	$	$	$	$	$	
484,260	**2,266,806**	**14,345,461**	**4,984,505**	**26,338,843**	**4,667,041**	**27,505,712**	
105,932	210,202	2,806,813	539,302	4,360,493	495,636	5,304,681	1
261,568	1,450,712	6,252,385	3,481,243	13,568,113	1,620,866	14,751,031	2
							3
20,443	62,158	475,732	354,100	1,158,943	182,519	1,121,312	4
35,843	165,171	178,355	360	626,727	–	708,052	5
60,474	378,563	4,632,176	609,500	6,624,567	2,368,020	5,620,636	6
32,808	**80,204**	**555,650**	**142,946**	**969,461**	**5,990**	**1,218,446**	
31,990	77,746	492,110	130,737	874,172	990	1,118,406	7
818	2,458	63,540	12,209	95,289	5,000	100,040	9
10,481	38,306	209,851	59,715	379,218	–	511,043	10
620	1,859	55,696	9,082	81,341	5,000	84,720	11
							12
							13
8,921	21,949	94,621	21,565	176,989	–	220,245	14
12,588	17,491	188,550	49,600	319,083	990	388,420	15
198	599	6,932	2,984	12,830	–	14,018	16
88,554	**344,610**	**4,282,019**	**594,336**	**6,178,740**	**1,706,267**	**6,171,518**	
44,102	103,936	1,588,811	262,406	2,324,283	370,253	2,808,733	17
7,814	10,507	274,016	40,943	413,538	139,828	389,732	18
							19
36,638	230,167	2,419,192	290,987	3,440,919	1,196,186	2,973,053	20
2,005	4,398	51,696	4,877	70,496	1,120	85,260	21
90	8,570	122,716	5,694	153,637	863	179,733	22
1,887	6,826	99,800	21,367	152,905	–	193,388	23
							24
330	4,273	36,482	3,399	51,360	8,372	48,455	25
1,033	2,370	43,763	11,365	67,612	690	282,686	26
347	5,333	242,156	15,454	292,548	18,931	415,465	27
2,919	18,641	167,739	37,311	263,323	5,914	312,236	28
9,057	31,996	513,907	67,110	734,621	274,349	600,889	29
2,421	1,653	46,344	10,411	77,045	31,138	74,004	30
400	15	5,480	770	8,825	800	11,864	31
5,810	6,871	107,485	26,251	183,183	–	241,859	32
2,167	4,164	83,669	18,836	128,698	–	169,612	33
11,788	18,253	473,224	55,853	683,682	235,288	652,091	34
							35
523	4,399	102,489	15,395	141,148	33,426	143,319	36
2,202	4,221	90,742	9,039	123,031	78,451	84,139	37
30	96,627	336,582	46,947	553,892	234,343	322,374	38

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(a) General Summary of Statistics

	Province or County and District	Establishments	Capital	Total of Employees and of Salaries and Wages		Proprietors who regularly perform manual labour in establishments
		No.	$	No.	$	No.
	Nova Scotia—Concluded.					
	Lunenburg County—					
1	Lobster canneries	3				
2	Clam and other canneries	1	19,941	103	16,376	2
3	Fish curing establishments	1				
	Queens County—					
4	Lobster canneries	2				
5	Fish curing establishments	6	100,680	81	29,042	2
	Shelburne County—					
6	Lobster canneries	10	68,583	170	24,089	2
7	Fish curing establishments	16	430,374	159	65,841	4
	Yarmouth County—					
8	Lobster canneries	12	60,485	293	35,568	6
9	Fish curing establishments	12	181,009	92	32,845	7
	Digby County—					
10	Lobster canneries	5	297,219	138	29,232	2
11	Clam and other canneries	4	25,650	87	9,196	2
12	Fish curing establishments	26	530,310	151	74,444	18
	Annapolis County—					
13	Fish curing establishments	8	9,260	15	2,548	1
	New Brunswick—Totals	**243**	**1,689,752**	**2,942**	**412,133**	**77**
14	Lobster canneries	153	492,459	1,896	155,840	38
15	Sardine canneries	1				
16	Clam and other canneries	4	719,304	431	154,302	2
17	Fish curing establishments	85	477,989	615	101,991	37
	Charlotte County—					
18	Sardine canneries	1				
19	Clam and other canneries	3	653,670	396	149,206	2
20	Fish curing establishments	29	139,364	135	29,438	11
	St. John County—					
21	Fish curing establishments	11	151,476	65	32,281	4
	Westmorland County—					
22	Lobster Canneries	16	104,072	181	35,638	4
23	Fish curing establishments	30	84,710	322	24,829	22
	Kent County—					
24	Lobster canneries	28				
25	Fish curing establishments	1	99,100	519	38,753	4
	Northumberland County—					
26	Lobster canneries	20	86,995	356	29,847	7
	Gloucester County—					
27	Lobster canneries[1]	89				
28	Clam and other canneries	1	290,326	879	58,698	23
29	Fish curing establishments	14	80,039	89	13,443	–
	Quebec—Totals	**120**	**757,023**	**1,443**	**219,103**	**27**
30	Lobster canneries	51	169,947	752	75,917	7
31	Salmon canneries	2				
32	Clam and other canneries	1	17,400	69	4,507	–
33	Fish curing establishments	66	569,676	622	138,679	20
	Bonaventure County—					
34	Lobster canneries	6	4,706	46	1,984	1
35	Fish curing establishments	17	114,628	35	11,889	2
	Gaspé County—					
36	Lobster canneries	7	16,725	146	9,525	1
37	Fish curing establishments	34	260,415	297	75,439	8
	Magdalen Islands—					
38	Lobster canneries	27				
39	Clam and other canneries	1	160,450	620	68,470	4
40	Fish curing establishments	6	121,600	155	22,296	–

[1] Gloucester County includes 2 lobster canneries for Restigouche County.

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(a) General Summary of Statistics

Fuel used	Miscellaneous Expenses	Value of Materials used		Total Expenses	Value of Products		
		Fish	Salt, Containers, etc.		Fish marketed fresh	Fish canned, cured or otherwise prepared	
$	$	$	$	$	$	$	
1,220	1,233	92,641	8,122	119,592	15,080	125,068	1
							1
							3
703	13,680	111,378	19,618	174,421	87,028	147,829	4
							5
3,360	2,848	175,359	19,188	224,844	84,437	223,475	6
16,456	34,743	269,700	41,483	428,223	211,542	316,994	7
4,768	27,298	235,998	38,672	342,304	12,106	425,903	8
255	12,887	250,335	23,543	319,865	177,081	254,084	9
9,711	14,614	200,476	30,488	284,521	20,897	311,028	10
645	979	19,586	10,850	41,256	–	46,656	11
8,224	16,782	381,822	49,651	530,923	157,420	479,693	12
203	942	20,450	2,642	26,785	16,991	23,414	13
41,337	**95,380**	**1,260,864**	**490,658**	**2,300,372**	**324,963**	**2,377,146**	
18,413	21,933	457,266	89,458	742,910	122,053	795,026	14
							15
11,765	50,265	185,717	292,927	694,976	42,691	676,330	16
11,159	23,182	617,881	108,273	862,486	160,219	905,790	17
							18
11,551	46,669	154,429	290,780	652,635	–	670,300	19
4,306	5,320	233,388	33,195	305,647	36,407	365,872	20
1,317	12,666	168,272	27,966	242,502	94,494	178,464	21
4,833	9,888	132,233	25,570	208,162	40,960	214,385	22
5,094	2,625	61,409	22,633	116,590	15	142,887	23
							24
4,331	5,133	109,160	20,887	178,264	38,545	186,634	25
2,943	2,380	63,400	12,429	110,999	38,300	91,444	26
							27
6,520	8,128	185,761	33,469	292,576	52,439	309,573	28
442	2,571	152,812	23,729	192,997	23,803	217,587	29
22,155	**37,909**	**951,593**	**145,881**	**1,376,551**	**23,940**	**1,699,238**	
11,451	6,587	268,770	56,891	419,616		583,086	30
					2,340		31
760	21	1,436	7,122	13,846	–	16,085	32
9,944	31,301	681,297	81,868	943,089	21,600	1,110,067	33
345	109	3,837	1,241	7,516	1,600	8,480	34
695	6,488	69,362	10,889	99,323	–	111,256	35
1,365	2,901	51,197	8,480	73,468	740	84,598	36
444	20,785	436,809	39,767	573,244	21,600	646,416	37
9,831	3,598	211,946	53,376	347,221	–	498,978	38
							39
6,320	1,932	104,410	19,196	154,154	–	196,228	40

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(a) General Summary of Statistics

	Province and County or District	Establishments	Capital	Total of Employees and of Salaries and Wages		Proprietors who regularly perform manual labour in establishments
		No.	$	No.	$	No.
	Quebec—Concluded.					
	Saguenay County—					
1	Lobster canneries	11				
2	Salmon canneries	2	5,466	9	445	1
3	Fish curing establishments	9	73,033	135	29,055	10
	Manitoba—Totals	**2**	**41,467**	**5**	**2,178**	**2**
4	Fish curing establishments	2	41,467	5	2,178	2
	British Columbia—Totals	**104**	**16,358,305**	**7,938**	**2,597,323**	**16**
5	Salmon canneries	74				
6	Clam and other canneries	1	13,979,985	7,011	2,129,518	6
7	Whale oil and fish oil factories	9	1,457,521	381	244,584	4
8	Fish curing establishments	20	920,799	546	223,221	6
	District No. 1—					
9	Salmon canneries	13				
10	Fish oil factory	1	1,722,969	809	211,883	7
11	Fish curing establishments	7	777,934	255	163,802	-
	District No. 2—					
12	Salmon canneries	42	8,894,454	4,571	1,333,512	1
13	Whale oil factories	2				
14	Fish curing establishments	1	860,444	228	148,439	-
	District No. 3—					
15	Salmon canneries	19				
16	Clam and other canneries	1	3,416,562	1,651	592,123	4
17	Whale oil and fish oil factories	6	550,927	145	91,625	4
18	Fish curing establishments	12	135,015	279	55,939	-

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(a) General Summary of Statistics

Fuel used	Miscellaneous Expenses	Value of Materials Used		Total Expenses	Value of Products		
		Fish	Salt, Containers, etc.		Fish marketed fresh	Fish canned, cured or otherwise prepared	
$	$	$	$	$	$	$	
670	–	3,226	916	5,257	–	7,115	1
							2
2,485	2 096	70,716	12,016	116,368	–	146,167	3
300	**370**	**10,461**	**31**	**13,340**	–	**15,618**	
300	370	10,461	31	13,340	–	15,618	4
299,106	**1,708,333**	**7,284,964**	**3,610,653**	**15,500,379**	**2,605,881**	**16,023,746**	
							5
261,648	1,452,077	6,266,804	3,494,161	13,604,208	1,620,866	14,789,626	6
35,513	164,071	176,325	360	620,853	–	702,162	7
1,945	92,185	841,835	116,132	1,275,318	985,015	531,958	8
20,293	174,552	842,939	412,848	1,662,515	31,048	1,825,256	9
							10
1,786	75,500	696,336	47,695	985,119	953,159	212,120	11
166,532	930,672	4,383,551	2,134,884	8,949,151	1,495,420	9,333,964	12
24,306	94,357	102,925	1,529	371,556	–	415,822	13
							14
							15
77,601	349,161	1,042,207	946,429	3,007,521	94,398	3,648,354	16
8,429	67,406	75,932	360	243,752	–	276,022	17
159	16,685	141,074	66,908	280,765	31,856	312,208	18

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(b) Capital Invested

Province and County or District	Establishments	Land, Building and Fixtures	Machinery and Tools	Materials and Products on hand, Fuel and Miscellaneous Supplies	Cash and Operating Accounts	Total Capital Invested
	no.	$	$	$	$	$
Canada—Totals	**928**	**7,884,288**	**3,740,190**	**7,179,097**	**4,397,299**	**23,200,874**
Lobster canneries	520	890,802	394,313	396,178	350,116	2,031,409
Salmon canneries	76	3,745,556	2,479,900	5,368,432	2,367,212	13,961,100
Sardine canneries	1	168,738	156,508	426,630	379,352	1,131,228
Clam and other canneries	13					
Whale oil and fish oil factories	10	1,149,591	69,794	169,438	86,298	1,475,121
Fish curing establishments	308	1,929,601	639,675	818,419	1,214,321	4,602,016
Prince Edward Island—Totals	**195**	**289,393**	**102,202**	**55,000**	**79,215**	**525,810**
Lobster canneries	182	264,705	89,219	43,646	13,816	411,386
Clam canneries	1					
Fish curing establishments	12	24,688	12,983	11,354	65,399	114,424
Kings County—						
Lobster canneries	44	110,640	53,217	7,885	8,500	180,242
Clam canneries	1					
Fish curing establishments	6	17,188	12,781	11,354	64,325	105,648
Queens County—						
Lobster canneries	46	41,800	4,105	8,769	85	54,759
Fish curing establishments	1					
Prince County—						
Lobster canneries	92	112,665	31,897	26,992	5,231	176,785
Fish curing establishments	5	7,100	202	–	1,074	8,376
Nova Scotia—Total	**264**	**1,724,681**	**598,760**	**847,156**	**657,920**	**3,828,517**
Lobster canneries	134	356,261	149,736	241,738	210,432	958,167
Clam and other canneries	6	100,826	70,233	176,931	27,099	375,089
Fish oil factories	1					
Fish curing establishments	123	1,267,594	378,791	428,487	420,389	2,495,261
Richmond County—						
Lobster canneries	5	5,650	2,075	100	5,782	13,607
Fish curing establishments	4	19,926	2,533	17,807	23,700	63,966
Cape Breton County—						
Lobster canneries	8	15,875	7,843	1,436	6,426	31,580
Fish oil factory	1					
Fish curing establishments	8	17,550	1,100	500	34,822	53,972
Victoria County—						
Lobster canneries	11	13,290	3,578	840	2,000	19,708
Fish curing establishments	13	37,031	6,085	11,683	8,227	63,026
Inverness County—						
Lobster canneries	20	61,534	19,214	28,477	16,947	126,172
Fish curing establishments	12	461,891	243,111	93,587	83,863	882,452
Cumberland County—						
Lobster canneries	18	29,250	8,105	4,065	3,900	45,320
Fish curing establishments	4	4,800	400	–	2,100	7,300
Pictou County—						
Lobster canneries	15	43,400	37,201	7,037	5,785	93,423
Antigonish County—						
Lobster canneries	7	12,167	4,646	5,843	500	23,156
Guysboro County—						
Lobster canneries	10	154,912	75,793	185,959	48,073	464,737
Clam and other canneries	1					
Fish curing establishments	5	25,801	4,891	12,010	43,293	85,995
Halifax County—						
Lobster canneries	8	11,900	3,650	12,495	4,900	32,945
Fish curing establishments	8	15,556	3,567	35,477	43,047	97,647
Lunenburg County—						
Lobster canneries	3					
Clam and other canneries	1	5,900	3,779	3,447	6,815	19,941
Fish curing establishments	1					
Queens County—						
Lobster canneries	2	67,900	5,550	19,230	8,000	100,680
Fish curing establishments	6					
Shelburne County—						
Lobster canneries	10	20,000	11,000	14,330	23,253	68,583
Fish curing establishments	16	314,666	12,039	69,139	34,530	430,374
Yarmouth County—						
Lobster canneries	12	30,550	9,380	12,067	8,488	60,485
Fish curing establishments	12	65,562	6,842	48,598	60,007	181,009
Digby County—						
Lobster canneries	5	38,414	20,512	130,516	107,777	297,219
Clam canneries	4	6,145	9,793	9,327	385	25,650
Fish curing establishments	26	238,336	94,513	123,061	74,400	530,310
Annapolis County—						
Fish curing establishments	8	6,675	1,560	125	900	9,260

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(b) Capital Invested

Province and County or District	Establishments	Land, Building and Fixtures	Machinery and Tools	Materials and Products on hand, Fuel and Miscellaneous Supplies	Cash and Operating Accounts	Total Capital Invested
	no.	$	$	$	$	$
New Brunswick—Totals	**243**	**472,820**	**243,129**	**415,146**	**558,657**	**1,689,752**
Lobster canneries	153	201,576	125,844	83,274	81,765	492,459
Sardine canneries	1	51,612	80,525	235,699	351,468	719,304
Clam and other canneries	4					
Fish curing establishments	85	219,632	36,760	96,173	125,424	477,989
Charlotte County—						
Sardine canneries	1	47,157	73,701	235,699	297,113	653,670
Clam and other canneries	3				36,250	
Fish curing establishments	29	71,950	16,170	14,994		139,364
St. John County—						
Fish curing establishments	11	42, 78	6,556	40,06	62,782	151,476
Westmorland County—						
Lobster canneries	16	35,220	8,842	40,010	20,000	104,072
Fish curing establishments	30	58,400	7,425	18,865	20	84,710
Kent County—						
Lobster canneries	28	57,370	26,823	6,729	8,178	99,100
Fish curing establishments	1					
Northumberland County—						
Lobster canneries	20	41,563	35,013	2,700	7,719	86,995
Gloucester County—						
Lobster canneries[1]	89	86,878	62,490	37,435	103,523	290,326
Clam and other canneries	1					
Fish curing establishments	14	32,204	6,109	18,654	23,072	80,039
Quebec—Totals	**120**	**273,307**	**103,384**	**124,909**	**255,423**	**757,023**
Lobster canneries	51	68,560	29,764	27,520	44,103	169,947
Salmon canneries	2	11,400	5,300	700	–	17,400
Clam and other canneries	1					
Fish curing establishments	66	193,347	68,320	96,689	211,320	569,676
Bonaventure County—						
Lobster canneries	6	2,400	1,683	20	603	4,706
Fish curing establishments	17	23,016	4,954	46,631	40,027	114,628
Gaspé County—						
Lobster canneries	7	5,200	4,625	6,000	900	16,725
Fish curing establishments	34	113,381	34,893	33,698	78,443	260,415
Magdalen Islands—						
Lobster canneries	27	68,800	27,550	21,500	42,600	160,450
Clam canneries	1					
Fish curing establishments	6	20,000	10,500	3,100	88,000	121,600
Saguenay County—						
Lobster canneries	11	3,560	1,206	700	–	5,466
Salmon canneries	2					
Fish curing establishments	9	36,950	17,973	13,260	4,850	73,033
Manitoba—Totals	**2**	**5,000**	**8,840**	**14,123**	**13,504**	**41,467**
Fish curing establishments	2	5,000	8,840	14,123	13,504	41,467
British Columbia—Totals	**101**	**5,119,087**	**2,683,875**	**5,722,763**	**2,832,580**	**16,358,305**
Salmon canneries	74	3,750,156	2,480,100	5,381,732	2,367,997	13,979,985
Clam and other canneries	1					
Whale oil and fish oil factories	9	1,149,591	69,394	169,238	69,298	1,457,521
Fish curing establishments	20	219,340	134,381	171,793	395,285	920,799
District No. I—						
Salmon canneries	13	548,014	329,326	591,941	253,688	1,722,969
Fish oil factory	1					
Fish curing establishments	7	155,080	122,185	131,233	369,436	777,934
District No. II—						
Salmon canneries	42	2,573,923	1,574,121	2,994,016	1,752,394	8,894,454
Whale oil factories	2	703,350	500	109,799	46,795	860,444
Fish curing establishments	1					
District No. III—						
Salmon canneries	19	653,219	605,653	1,795,775	361,915	3,416,562
Clam and other canneries	1					
Whale oil and fish oil factories	6	424,241	40,394	60,439	25,853	550,927
Fish curing establishments	12	61,260	11,696	39,560	22,499	135,015

[1]Gloucester County includes two lobster canneries for Restigouche County.

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(c) Employees and Salaries and Wages

	Province and County or District	Establishments	Employees on Salaries					
			Officers, Superintendents, and Managers		Clerks, Stenographers, Salesmen, etc.		Total of Employees and Salaries	
			Male	Female	Male	Female		
		no.	no.	no.	no.	no.	no.	$
	Canada—Totals	**928**	**385**	**10**	**233**	**51**	**679**	**694,315**
1	Lobster canneries	520	146	9	20	9	184	89,069
2	Salmon canneries	76	98	–	120	9	227	311,739
3	Sardine canneries	1						
4	Clam and other canneries	13	11	1	8	6	26	42,244
5	Whale oil and fish oil factories	10	18	–	16	6	40	46,264
6	Fish curing establishments	308	112	–	69	21	202	204,999
	Prince Edward Island—Totals	**195**	**35**	**–**	**1**	**1**	**37**	**12,697**
7	Lobster canneries	182						
8	Clam and other canneries	1	32	–	1	1	34	10,719
9	Fish curing establishments	12	3	–	–	–	3	1,978
	Kings County—							
10	Lobster canneries	44						
	Clam and other canneries	1	6	–	–	1	7	2,757
12	Fish curing establishments	6	1	–	–	–	1	1,300
	Queens County—							
13	Lobster canneries	46						
14	Fish curing establishments	1	14	–	1	–	15	3,317
	Prince County—							
15	Lobster canneries	92	12	–	–	–	12	4,645
16	Fish curing establishments	5	2	–	–	–	2	678
	Nova Scotia—Totals	**264**	**113**	**4**	**52**	**19**	**188**	**167,266**
17	Lobster canneries	134	61	3	19	5	88	51,701
18	Clam and other canneries	6	3	1	3	1	8	9,802
19	Fish oil factories	1						
20	Fish curing establishments	123	49	–	30	13	92	105,763
	Richmond County—							
21	Lobster canneries	5	2	–	–	–	2	1,100
22	Fish curing establishments	4	1	–	2	–	3	2,762
	Cape Breton County—							
23	Lobster canneries	8	4	–	–	–	4	2,300
24	Fish oil factory	1						
25	Fish curing establishments	8	2	–	–	1	3	2,320
	Victoria County—							
26	Lobster canneries	11	3	–	–	–	3	900
27	Fish curing establishments	13	5	–	1	–	6	5,792
	Inverness County—							
28	Lobster canneries	20	10	1	9	–	20	8,291
29	Fish curing establishments	12	6	–	8	1	15	18,206
	Cumberland County—							
30	Lobster canneries	18	2	–	1	–	3	1,400
31	Fish curing establishments	4	–	–	–	–	–	–
	Pictou County—							
32	Lobster canneries	15	11	–	1	–	12	5,115
	Antigonish County—							
33	Lobster canneries	7	4	–	–	–	4	2,867
	Guysboro County—							
34	Lobster canneries	10						
35	Clam and other canneries	1	7	–	7	2	16	23,048
36	Fish curing establishments	5	3	–	2	–	5	6,780
	Halifax County—							
37	Lobster canneries	8	5	–	–	–	5	2,425
38	Fish curing establishments	8	9	–	4	3	16	25,980

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(c) Employees and Salaries and Wages

Employees on Wages						Contract Labour and piece-workers				
16 years of age and over		Under 16 years		Total of Employees and wages						
Male	Female	Male	Female			Male	Wages	Female	Wages	
no.	no.	no.	no.	no.	$	no.	$	no.	$	
7,998	**4,225**	**352**	**308**	**12,883**	**2,749,210**	**2,587**	**571,041**	**2,207**	**243,215**	
3,264	3,226	268	237	6,995	605,549	32	3,266	35	360	1
2,008	420	2	2	2,432	1,033,466	2,354	561,877	1,984	215,123	2
										3
312	254	8	15	589	180,152	–	–	108	24,114	4
342	2	–	–	344	200,560	1	174	–	–	5
2,072	323	74	54	2,523	729,483	200	5,724	80	3,648	6
923	**813**	**12**	**69**	**1,926**	**145,030**	**15**	**126**	**–**	**–**	
										7
881	809	120	69	1,880	130,870	–	–	–	–	8
42	4	1	–	46	14,160	15	126	–	–	9
										10
313	270	84	51	718	58,108	–	–	–	–	11
28	1	–	–	29	12,658	15	126	–	–	12
										13
207	180	2	4	393	26,616	–	–	–	–	14
362	35	34	14	769	46,209	–	–	–	–	15
13	3	1	–	17	1,439	–	–	–	–	16
2,320	**1,295**	**136**	**69**	**3,820**	**698,373**	**29**	**3,267**	**13**	**315**	
1,281	1,156	99	65	2,601	272,737	5	590	–	–	17
119	64	6	3	192	70,456	–	–	–	–	18
										19
920	75	31	1	1,027	355,180	24	2,677	13	315	20
34	43	7	5	89	6,420	–	–	–	–	21
49	–	–	1	50	13,805	–	–	–	–	22
134	107	2	1	244	20,731	–	–	–	–	23
										24
14	6	–	–	20	4,556	–	–	–	–	25
53	70	16	17	156	8,181	–	–	–	–	26
144	–	5	–	149	23,466	–	–	–	–	27
136	209	13	8	366	27,832	5	590	–	–	28
168	28	9	–	205	94,345	–	–	–	–	29
133	85	–	–	218	14,816	–	–	–	–	30
17	–	2	–	19	2,160	–	–	–	–	31
152	182	11	5	350	31,651	–	–	–	–	32
101	121	–	–	222	16,995	–	–	–	–	33
										34
199	89	11	5	304	101,516	–	–	–	–	35
52	3	–	–	55	11,562	–	–	–	–	36
67	25	7	3	102	14,402	–	–	–	–	37
78	11	1	–	90	47,726	–	–	–	–	38

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(c) Employees and Salaries and Wages

	Province and County or District	Establishments	Employees on Salaries					
			Officers, Superintendents and Managers		Clerks, Stenographers, Salesmen, etc.		Total of Employees and Salaries	
			Male	Female	Male	Female		
	Nova Scotia—Continued	no.	no.	no.	no.	no.	no.	$
	Lunenburg County—							
1	Lobster canneries	3						
2	Clam and other canneries	1	2	–	3	1	6	4,200
3	Fish curing establishments	1						
	Queens County—							
4	Lobster canneries	2						
5	Fish curing establishments	6	2	–	1	1	4	3,100
	Shelburne County—							
6	Lobster canneries	10	3	2	1	3	9	3,540
7	Fish curing establishments	16	7	–	–	3	10	10,172
	Yarmouth County—							
8	Lobster canneries	12	8	–	2	–	10	4,475
9	Fish curing establishments	12	6	–	2	1	9	8,435
	Digby County—							
10	Lobster canneries	5	2	–	1	1	4	4,700
11	Clam and other canneries	4	2	1	–	–	3	1,142
12	Fish curing establishments	26	7	–	7	2	16	18,216
	Annapolis County—							
13	Fish curing establishments	8	–	–	–	–	–	–
	New Brunswick—Totals	**243**	**55**	**3**	**9**	**11**	**78**	**58,671**
14	Lobster canneries	153	36	3	–	3	42	17,029
15	Sardine canneries	1						
16	Clam and other canneries	4	6	–	5	5	16	29,442
17	Fish curing establishments	85	13	–	4	3	20	12,200
	Charlotte County—							
18	Sardine canneries	1	5	–	5	5	15	28,667
19	Clam and other canneries	3						
20	Fish curing establishments	29	1	–	–	1	2	1,020
	St. John County—							
21	Fish curing establishments	11	2	–	3	1	6	8,252
	Westmorland County—							
22	Lobster canneries	16	8	3	–	2	13	8,923
23	Fish curing establishments	30	2	–	1	–	3	925
	Kent County—							
24	Lobster Canneries	28						
25	Fish curing establishments	1	5	–	–	1	6	1,766
	Northumberland County—							
26	Lobster canneries	20	5	–	–	–	5	1,185
	Gloucester County—							
27	Lobster canneries[1]	89	19	–	–	–	19	5,930
28	Clam and other canneries	1						
29	Fish curing establishments	14	8	–	–	1	9	2,003
	Quebec—Totals	**120**	**49**	**3**	**7**	**1**	**60**	**34,104**
30	Lobster canneries	51	17	3	–	–	20	9,620
31	Salmon canneries	2						
32	Clam canneries	1	–	–	–	–	–	–
33	Fish curing establishments	66	32	–	7	1	40	24,484
	Bonaventure County—							
34	Lobster canneries	6	3	–	–	–	3	440
35	Fish curing establishments	17	2	–	–	–	2	1,400
	Gaspé County—							
36	Lobster canneries	7	4	–	–	–	4	2,250
37	Fish curing establishments	34	24	–	3	1	28	14,838
	Magdalen Islands—							
38	Lobster canneries	27	10	3	–	–	13	6,930
39	Clam and other canneries	1						
40	Fish curing establishments	6	3	–	4	–	7	5,826

[1]Gloucester County includes two lobster canneries for Restigouche County.

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(c) Employees and Salaries and Wages .

Employees on Wages						Contract labour and piece workers				
16 years of age and over		Under 16 years		Total of Employees and Wages						
Male	Female	Male	Female			Male	Wages	Female	Wages	
no.	no.	no.	no.	no.	$	no.	$	no.	$	
51	18	8	11	88	10,236	9	1,940	–	–	1 2 3
62	4	5	–	71	25,517	6	425	–		4 5
78	71	12	–	161	20,549	–	–	–	–	6
140	1	3	–	144	55,519	5	150	–	–	7
150	125	5	3	283	31,093	–	–	–	–	8
70	12	1	–	83	24,410	–	–	–	–	9
80	39	8	7	134	24,532	–	–	–	–	10
36	40	5	3	84	8,054	–	–	–	–	11
108	6	4	–	118	55,751	4	162	13	315	12
14	–	1	–	15	2,548	–	–	–	–	13
1,345	**1,124**	**41**	**88**	**2,598**	**323,122**	**89**	**4,051**	**177**	**26,289**	
846	891	21	54	1,812	135,975	27	2,676	15	160	14
152	141	2	12	307	100,746	–	–	108	24,114	15 16
347	92	18	22	479	86,401	62	1,375	54	2, 15	17
138	121	2	12	273	96,425	–	–	108	24,114	18 19
90	13	–	–	103	27,419	15	414	15	585	20
53	1	–	–	54	23,469	5	560	–	–	21
84	78	2	4	168	26,715	–	–	–	–	22
144	57	15	22	238	22,073	42	401	39	1,430	23
206	267	4	11	488	34,331	25	2,656	–	–	24 25
174	159	6	12	351	28,662	–	–	–	–	26
400	407	9	27	843	52,588	2	20	15	160	27 27
56	21	3	–	80	11,440	–	–	–	–	29
760	**461**	**52**	**71**	**1,344**	**183,553**	**19**	**1,246**	**20**	**200**	
261	374	28	49	712	66,097	–	–	20	200	30 31
35	34	–	–	69	4,507	–	–	–	–	32
464	53	24	22	563	112,949	19	1,246	–	–	33
16	27	–	–	43	1,544	–	–	–	–	34
32	–	–	–	32	10,427	1	62	–	–	35
57	59	4	2	122	7,075	–	–	20	200	36
237	8	6	–	251	59,417	18	1,184	–	–	37
218	318	24	47	607	61,540	–	–	–	–	38 39
91	39	18	–	148	16,470	–	–	–	–	40

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(c) Employees and Salaries and Wages

	Province and County or District	Establishments	Employees on Salaries					
			Officers, Superintendents and Managers		Clerks, Stenographers and Salesmen, etc.		Total of Employees and Salaries	
			Male	Female	Male	Female		
	Quebec—Concluded.	no.	no.	no.	no.	no.	no.	$
	Saguenay County—							
1	Lobster canneries	11						
2	Salmon canneries	2	–	–	–	–	–	–
3	Fish curing establishments	9	3	–	–	–	3	2,420
	Manitoba—Totals	**2**	–	–	–	–	–	–
4	Fish curing establishments	2	–	–	–	–	–	–
	British Columbia—Totals	**104**	**133**	–	**164**	**19**	**316**	**421,577**
5	Salmon canneries	74						
6	Clam and other canneries	1	100	–	120	9	229	314,739
7	Whale oil and fish oil factories	9	17	–	16	6	39	45,264
8	Fish curing establishments	20	16	–	28	4	48	61,574
	District No. I—							
9	Salmon canneries	13						
10	Fish oil factories	1	19	–	15	2	36	51,985
11	Fish curing establishments	7	11	–	18	4	33	52,304
	District No. II—							
12	Salmon canneries	42	52	–	63	4	119	175,128
13	Whale oil factories	2	10	–	11	4	25	29,204
14	Fish curing establishments	1						
	District No. III—							
15	Salmon canneries	19						
16	Clam and other canneries	1	30	–	42	3	75	89,426
17	Whale oil and fish oil factories	6	6	–	6	2	14	14,960
18	Fish curing establishments	12	5	–	9	–	14	8,570

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(c) Employees and Salaries and Wages

Employees on Wages						Contract Labour and Piece Workers				
16 years of age and over		Under 16 years		Total of Employees and Wages						
Male	Female	Male	Female			Male	Wages	Female	Wages	
no.	no.	no.	no.	no.	$	no.	$	no.	$	
										1
5	4	–	–	9	445	–	–	–	–	2
104	6	–	22	132	26,635	–	–	–	–	3
5	–	–	–	5	2,178	–	–	–	–	
5	–	–	–	5	2,178	–	–	–	–	4
2,645	**532**	**2**	**11**	**3,190**	**1,396,954**	**2,435**	**562,351**	**1,997**	**216,441**	
										5
2,009	431	2	2	2,444	1,037,779	2,354	561,877	1,984	215,123	6
339	2	–	–	341	199,146	1	174	–	–	7
297	99	–	9	405	160,029	80	300	13	1,318	8
177	55	–	–	232	89,467	231	44,641	310	25,790	9
93	40	–	9	142	111,198	80	300	–	–	10
										11
1,343	206	2	–	1,551	617,851	1,549	397,874	1,352	142,659	
										12
202	1	–	–	203	119,235	–	–	–	–	13
										14
										15
508	170	–	2	680	336,661	574	119,362	322	46,674	16
128	2	–	–	130	76,491	1	174	–	–	17
194	58	–	–	252	46,051	–	–	13	1,318	18

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(d) Employees on Wages by Months

	Province	Establishments	January		February		March		April		May	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
		no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.
	Canada—Totals	**928**	**1,109**	**253**	**999**	**185**	**1,292**	**238**	**3,377**	**812**	**6,544**	**3,656**
1	Lobster canneries	520	49	1	51	1	241	151	1,468	692	3,251	3,185
2	Salmon canneries	76	182	64	213	38	427	23	960	59	1,393	134
3	Sardine canneries	1										
4	Clam and other canneries	13	132	48	118	43	57	23	75	12	287	179
5	Whale oil and fish oil factories	10	60	–	66	–	135	–	273	–	317	2
6	Fish curing establishments	308	686	140	551	103	432	41	601	49	1,296	156
	Prince Edward Island—Totals	**195**	–	–	–	–	–	–	**348**	**223**	**972**	**818**
7	Lobster canneries	182										
8	Clam and other canneries	1	–	–	–	–	–	–	342	223	945	818
9	Fish curing establishments	12	–	–	–	–	–	–	6	–	27	–
	Nova Scotia—Totals	**264**	**542**	**49**	**430**	**32**	**539**	**159**	**1,053**	**441**	**2,007**	**1,243**
10	Lobster canneries	134	35	–	37	–	226	150	650	429	1,300	1,176
11	Clam and other canneries	6	108	26	89	22	34	2	65	5	109	43
12	Fish oil factories	1										
13	Fish curing establishments	123	399	23	304	10	279	7	338	7	598	24
	New Brunswick—Totals	**243**	**85**	**22**	**79**	**19**	**65**	**9**	**536**	**41**	**1,142**	**971**
14	Lobster canneries	153	12	1	12	1	12	1	413	31	733	788
15	Sardine cannery	1										
16	Clam and other canneries	4	18	7	23	7	17	7	10	7	148	106
17	Fish curing establishments	85	55	14	44	11	36	1	113	3	261	77
	Quebec—Totals	**120**	**10**	–	8	–	**45**	–	**137**	**11**	**626**	**477**
18	Lobster canneries	51	2	–	2	–	3	–	63	9	273	403
19	Salmon canneries	2										
20	Clam and other canneries	1	–	–	–	–	–	–	–	–	32	32
21	Fish curing establishments	66	8	–	6	–	42	–	74	2	321	42
	Manitoba—Totals	**2**	**3**	–	**3**	–	**3**	–	2	–	**4**	–
22	Fish curing establishments	2	3	–	3	–	3	–	2	–	4	–
	British Columbia—Totals	**104**	**469**	**182**	**479**	**134**	**640**	**70**	**1,301**	**96**	**1,793**	**147**
23	Salmon canneries	74										
24	Clam and other canneries	1	188	79	219	52	433	37	960	59	1,391	132
25	Whale oil and fish oil factories	9	57	–	64	–	133	–	271	–	315	2
26	Fish curing establishments	20	224	103	196	82	74	33	70	37	87	13

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II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(d) Employees on Wages by Months

June		July		August		September		October		November		December		
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
no.	no.	no.	no.	n.o	no.	no.	no.	no.	no.	no.	no.	no.	no.	
6,893	**3,430**	**4,778**	**1,231**	**4,434**	**857**	**4,371**	**981**	**3,700**	**834**	**2,408**	**478**	**1,477**	**248**	
3,037	2,932	746	513	501	258	539	289	500	254	224	32	196	16	1
1,579	122	1,806	355	1,819	382	1,688	375	1,217	271	604	138	217	49	2
														3
302	214	300	233	212	105	268	187	238	158	281	168	149	72	4
319	2	331	2	340	2	317	2	305	2	185	1	39	1	5
1,655	160	1,595	128	1,562	110	1,559	128	1,440	149	1,114	139	876	110	6
916	**764**	**82**	**13**	**138**	**81**	**113**	**108**	**133**	**88**	**29**	**5**	**17**	**5**	
														7
883	764	45	12	107	80	115	104	105	85	10	5	3	5	7
33	–	37	1	31	1	28	4	28	3	19	–	14	–	9
2,057	**1,097**	**1,350**	**308**	**1,144**	**134**	**1,162**	**139**	**1,155**	**129**	**990**	**110**	**897**	**87**	
1,133	1,001	450	226	241	50	251	53	227	42	192	26	157	10	10
122	59	119	59	112	50	99	34	66	30	104	32	117	39	11
														12
802	37	781	23	791	34	812	52	862	57	694	52	623	38	13
1,132	**927**	**423**	**172**	**404**	**201**	**470**	**295**	**463**	**264**	**306**	**131**	**119**	**23**	
731	761	51	6	125	122	152	134	137	127	15	1	33	1	14
														15
150	125	151	144	100	55	158	135	166	110	171	122	26	18	16
251	41	221	22	179	24	160	26	160	27	120	8	60	4	17
805	**515**	**702**	**376**	**500**	**50**	**464**	**21**	**303**	**8**	**129**	**4**	**21**	**2**	
290	406	200	269	28	6	26	2	31	–	7	–	3	–	18
														19
35	34	35	32	–	–	–	–	–	–	–	–	–	–	20
480	75	467	75	472	44	438	19	272	8	122	4	18	2	21
4	**–**	**4**	**–**	**2**	**–**	**2**	**–**	**2**	**–**	**2**	**–**	**2**	**–**	
4	–	4	–	2	–	2	–	2	–	2	–	2	–	22
1,978	**127**	**2,217**	**362**	**2,246**	**391**	**2,130**	**418**	**1,644**	**345**	**952**	**228**	**421**	**131**	
														23
1,574	118	1,801	353	1,819	382	1,694	389	1,223	289	610	152	223	64	23
316	2	328	2	337	2	314	2	303	2	182	1	35	1	25
88	7	88	7	90	7	122	27	118	54	160	75	163	66	26

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(e) Time in Operation and Hours Worked

	Province	Total number of factories	Number of Factories operating during the year					Number of Factories in which hours per day normally worked are				
			Less than 60 days	From 60 to less than 120 days	From 120 to less than 180 days	From 180 to less than 240 days	240 days and over	Less than 8 hours	8 hours	9 hours	10 hours	Over 10 hours
		no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.
	Canada—Totals	**928**	**352**	**279**	**164**	**68**	**65**	**131**	**121**	**144**	**524**	**8**
1	Lobster canneries	520	297	180	18	13	12	74	63	74	308	1
2	Salmon canneries	76	5	16	35	14	6	3	10	17	46	–
3	Sardine cannery	1										
4	Clam and other canneries	13	3	5	2	1	3	–	–	3	11	–
5	Whale oil and fish oil factories	10	–	1	2	2	5	1	2	3	4	–
6	Fish curing establishments	308	47	77	107	38	39	53	46	47	155	7
	Prince Edward Island—Totals	**195**	**93**	**86**	**13**	**3**	**–**	**16**	**6**	**12**	**160**	**1**
7	Lobster canneries	182										
8	Clam and other canneries	1	93	81	8	1	–	14	4	11	153	1
9	Fish curing establishments	12	–	5	5	2	–	2	2	1	7	–
	Nova Scotia—Totals	**264**	**84**	**66**	**45**	**34**	**35**	**33**	**42**	**66**	**121**	**2**
10	Lobster canneries	134	69	41	4	10	10	11	20	34	69	–
11	Clam and other canneries	6										
12	Fish oil factory	1	2	2	–	1	1	–	–	1	5	–
13	Fish curing establishments	123	13	23	41	23	24	22	22	31	47	2

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(f) Classification of Wage-earners according to Daily Wages

	Province	Establishments	Under $1 per day				Total
			16 years of age and over		Under 16 years		
			Male	Female	Male	Female	
		no.	no.	no.	no.	no.	no.
	Canada—Totals	**928**	**81**	**1,134**	**160**	**191**	**1,566**
1	Lobster canneries	520	66	1,042	124	175	1,407
2	Salmon canneries	76	5	4	–	–	9
3	Sardine canneries	1					
4	Clam and other canneries	13	10	20	–	–	30
5	Whale oil and fish oil factories	10	–	–	–	–	–
6	Fish curing establishments	308	–	68	36	16	120
	Prince Edward Island—Totals	**195**	**50**	**346**	**59**	**60**	**515**
7	Lobster canneries	182					
8	Clam and other canneries	1	50	342	58	60	510
9	Fish curing establishments	12	–	4	1	–	5
	Nova Scotia—Totals	**264**	**11**	**216**	**58**	**43**	**328**
10	Lobster canneries	134	11	198	46	42	297
11	Clam and other canneries	6	–	–	–	–	–
	Fish oil factories	1	–	–	–	–	–
12	Fish curing establishments	123	–	18	12	1	31
	New Brunswick—Totals	**243**	**5**	**404**	**17**	**52**	**478**
13	Lobster canneries	153	5	373	12	37	427
14	Sardine canneries	1					
15	Clam and other canneries	4	–	–	–	–	–
16	Fish curing establishments	85	–	31	5	15	51
	Quebec—Totals	**120**	**15**	**168**	**26**	**36**	**245**
17	Lobster canneries	51	–	129	8	36	173
18	Salmon canneries	2					
19	Clam canneries	1	15	24	–	–	39
20	Fish curing establishments	66	–	15	18	–	33
	Manitoba—Totals	**2**	–	–	–	–	–
21	Fish curing establishments	2	–	–	–	–	–
	British Columbia—Totals	**104**	–	–	–	–	–
22	Salmon canneries	74					
23	Clam and other canneries	1	–	–	–	–	–
24	Whale oil and fish oil factories	9	–	–	–	–	–
25	Fish curing establishments	20	–	–	–	–	–

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(e) Time in Operation and Hours Worked

	Province	Total number of factories	Number of Factories operating during the year					Number of Factories in which hours per day normally worked are				
			Less than 60 days	From 60 to less than 120 days	From 120 to less than 180 days	From 180 to less than 240 days	240 days and over	Less than 8 hours	8 hours	9 hours	10 hours	Over 10 hours
		no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.
	New Brunswick—Totals	**243**	**128**	**77**	**17**	**9**	**12**	**52**	**45**	**33**	**113**	–
14	Lobster canneries	153	108	42	1	1	1	31	35	21	66	–
15	Sardine canneries	1										
16	Clam and other canneries	4	–	1	2	–	2	–	–	1	4	–
17	Fish curing establishments	85	20	34	14	8	9	21	10	11	43	–
	Quebec—Totals	**120**	**36**	**30**	**48**	**4**	**2**	**26**	**13**	**9**	**68**	**4**
18	Lobster canneries	51	28	16	5	1	1	18	4	8	21	–
19	Salmon canneries	2										
20	Clam and other canneries	1	1	2	–	–	–	1	1	–	1	–
21	Fish curing establishments	66	7	12	43	3	1	7	8	1	46	4
	Manitoba—Totals	**2**	–	**1**	–	–	**1**	–	–	**1**	**1**	–
22	Fish curing establishments	2	–	1	–	–	1	–	–	1	1	–
	British Columbia—Totals	**104**	**11**	**19**	**41**	**18**	**15**	**4**	**15**	**23**	**61**	**1**
23	Salmon canneries	74										
24	Clam and other canneries	1	4	16	35	14	6	2	9	18	46	–
25	Whale oil and fish oil factories	9	–	1	2	2	4	1	2	2	4	–
26	Fish curing establishments	20	7	2	4	2	5	1	4	3	11	1

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(f) Classification of Wage-earners according to Daily Wages

$1 but under $2 per day					$2 but under $3 per day					
16 years of age and over		Under 16 years		Total	16 years of age and over		Under 16 years		Total	
Male	Female	Male	Female		Male	Female	Male	Female		
no.	no.	no.	no.	no.	no.	no.	no.	no.		
2,008	**2,455**	**174**	**117**	**4,754**	**3,203**	**547**	**18**	–	**3,768**	
1,406	2,043	129	62	3,640	1,400	120	15	–	1,535	1
44	122	1	2	169	437	233	1	–	671	2
										3
26	162	6	15	209	139	72	2	–	213	4
–	–	–	–	–	202	2	–	–	204	5
532	128	38	38	736	1,025	120	–	–	1,145	6
561	**428**	**52**	**9**	**1,050**	**241**	**38**	**10**	–	**289**	
549	428	52	9	1,038	222	38	10	–	270	7
12	–	–	–	12	19	–	–	–	19	8
										9
661	**1,034**	**78**	**26**	**1,799**	**1,287**	**38**	–	–	**1,325**	
426	925	53	23	1,427	681	26	–	–	707	10
20	64	6	3	93	84	–	–	–	84	11
215	45	19	–	279	522	12	–	–	534	12
490	**618**	**21**	**36**	**1,165**	**547**	**102**	**3**	–	**652**	
390	483	8	17	898	349	35	1	–	385	13
										14
1	84	–	12	97	35	57	2	–	94	15
99	51	13	7	170	163	10	–	–	173	16
249	**253**	**22**	**35**	**559**	**413**	**27**	**4**	–	**444**	
41	211	16	13	281	153	21	4	–	178	17
										18
5	10	–	–	15	15	–	–	–	15	19
203	32	6	22	263	245	6	–	–	251	20
2	–	–	–	**2**	**1**	–	–	–	**1**	
2	–	–	–	2	1	–	–	–	1	21
45	**122**	**1**	**11**	**179**	**714**	**342**	**1**	–	**1,057**	
										22
44	122	1	2	169	437	248	1	–	686	23
–	–	–	–	–	202	2	–	–	204	24
1	–	–	9	10	75	92	–	–	167	25

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(f) Classification of Wage-earners According to Daily Wages—Concluded

	Province	Establishments	$3 but under $4 per day				Total
			16 years of age and over		Under 16 years		
			Male	Female	Male	Female	
		no.	no.	no.	no.	no.	no.
	Canada—Totals	**928**	**1,667**	**70**	–	–	**1,737**
1	Lobster canneries	520	371	8	–	–	379
2	Salmon canneries	76	696	55	–	–	751
3	Sardine canneries	1					
4	Clam and other canneries	13	112	–	–	–	112
5	Whale oil and fish oil factories	10	96	–	–	–	96
6	Fish curing establishments	308	392	7	–	–	399
	Prince Edward Island—Totals	**195**	**70**	**1**	–	–	**71**
7	Lobster canneries	182					
8	Clam and other canneries	1	59	1	–	–	60
9	Fish curing establishments	12	11	–	–	–	11
	Nova Scotia—Totals	**264**	**333**	**7**	–	–	**340**
10	Lobster canneries	134	155	7	–	–	162
11	Clam and other canneries	6	14	–	–	–	14
12	Fish oil factory	1					
13	Fish curing establishments	123	164	–	–	–	164
	New Brunswick—Totals	**243**	**271**	–	–	–	**271**
14	Lobster canneries	153	96	–	–	–	96
15	Sardine cannery	1					
16	Clam and other canneries	4	93	–	–	–	93
17	Fish curing establishments	85	82	–	–	–	82
	Quebec—Totals	**120**	**77**	–	–	–	**77**
18	Lobster canneries	51	61	–	–	–	61
19	Salmon canneries	2					
20	Clam and other canneries	1	–	–	–	–	–
21	Fish curing establishments	66	16	–	–	–	16
	Manitoba—Totals	**2**	**2**	–	–	–	**2**
22	Fish curing establishments	2	2	–	–	–	2
	British Columbia—Totals	**104**	**914**	**62**	–	–	**976**
23	Salmon canneries	74					
24	Clam and other canneries	1	701	55	–	–	756
25	Whale oil and fish oil factories	9	93	–	–	–	93
26	Fish curing establishments	20	120	7	–	–	127

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(f) Classification of Wage-earners According to Daily Wages—Concluded

$4 but under $5 per day					$5 and over per day					
16 years of age and over		Under 16 years		Total	16 year of age and over		Under 16 years		Total	
Male	Female	Male	Female		Male	Female	Male	Female		
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
703	**19**	–	–	**722**	**336**	–	–	–	**336**	
14	13	–	–	27	7	–	–	–	7	1
562	6	–	–	568	264	–	–	–	264	2
										3
24	–	–	–	24	1	–	–	–	1	4
21	–	–	–	21	23	–	–	–	23	5
82	–	–	–	82	41	–	–	–	41	6
1	–	–	–	**1**	–	–	–	–	–	
										7
1	–	–	–	1	–	–	–	–	–	8
–	–	–	–	–	–	–	–	–	–	9
15	–	–	–	**15**	**13**	–	–	–	**13**	
1	–	–	–	1	7	–	–	–	7	10
1	–	–	–	1	–	–	–	–	–	11
										12
13	–	–	–	13	6	–	–	–	6	13
30	–	–	–	**30**	**2**	–	–	–	**2**	
6	–	–	–	6	–	–	–	–	–	14
										15
22	–	–	–	22	1	–	–	–	1	16
2	–	–	–	2	1	–	–	–	1	17
6	**13**	–	–	**19**	–	–	–	–	–	
6	13	–	–	19	–	–	–	–	–	18
										19
–	–	–	–	–	–	–	–	–	–	20
–	–	–	–	–	–	–	–	–	–	21
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	22
651	**6**	–	–	**657**	**321**	–	–	–	**321**	
										23
56	6	–	–	569	264	–	–	–	264	24
21	–	–	–	21	23	–	–	–	23	25
67	–	–	–	67	34	–	–	–	34	26

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(g) Quantity and Value of Fuel Used

	Province	Establishments	Bituminous Coal		Anthracite Coal		Lignite Coal	
			Quantity	Value	Quantity	Value	Quantity	Value
		no.	ton	$	ton	$	ton	$
	Canada—Totals	**928**	**25,868**	**240,407**	**679**	**8,223**	**21**	**210**
1	Lobster canneries	520	3,380	34,373	115	1,094	18	150
2	Salmon canneries	76	12,611	124,507	405	4,570	–	–
3	Sardine canneries	1						
4	Clam and other canneries	13	2,332	18,724	–	–	–	–
5	Whale oil and fish oil factories	10	4,664	34,162	–	–	3	60
6	Fish curing establishments	308	2,881	28,641	159	2,559	–	–
	Prince Edward Island—Totals	**195**	**804**	**8,600**	**17**	**157**	**–**	**–**
7	Lobster canneries	182						
8	Clam and other canneries	1	804	8,600	16	143	–	–
9	Fish curing establishments	12	–	–	1	14	–	–
	Nova Scotia—Totals	**264**	**5,449**	**51,339**	**116**	**1,765**	**18**	**150**
10	Lobster canneries	134	2,082	19,465	26	208	18	150
11	Clam and other canneries	6	904	7,224	–	–	–	–
12	Fish oil factories	1						
13	Fish curing establishments	123	2,463	24,65	90	1,557	–	–
	New Brunswick—Totals	**243**	**1,599**	**13,294**	**69**	**1,011**	**–**	**–**
14	Lobster canneries	153	186	1,879	1	23	–	–
15	Sardine canneries	1						
16	Clam and other canneries	4	1,398	11,260	–	–	–	–
17	Fish curing establishments	85	15	155	68	988	–	–
	Quebec—Totals	**120**	**597**	**7,309**	**72**	**720**	**–**	**–**
18	Lobster canneries	51	308	4,429	72	720	–	–
19	Salmon canneries	2						
20	Clam and other canneries	1	32	260	–	–	–	–
21	Fish curing establishments	66	257	2,620	–	–	–	–
	Manitoba—Totals	**2**	**–**	**–**	**–**	**–**	**–**	**–**
22	Fish curing establishments	2	–	–	–	–	–	–
	British Columbia—Totals	**104**	**17,419**	**159,865**	**405**	**4,570**	**3**	**60**
23	Salmon canneries	74						
24	Clam and other canneries	1	12,609	124,487	405	4,570	–	–
25	Whale oil and fish oil factories	9	4,644	34,032	–	–	3	60
26	Fish curing establishments	20	166	1,346	–	–	–	–

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(g) Quantity and Value of Fuel Used

Coke		Gasoline		Fuel oil		Wood		Gas	Other Fuel	Total	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Value	Value	Value	
ton	$	gal.	$	gal.	$	cord	$	$	$	$	
2	47	299,359	105,872	85,215	18,727	12,513	63,813	44	46,917[1]	484,260	
–	–	91,227	37,180	2,244	897	6,542	32,088	28	122	105,932	1
–	15	182,196	57,487	46,610	11,831	3,623	16,861	–	46,297	261,568	2
											3
2	32	677	278	100	24	264	1,310	–	75	20,443	4
–	–	1,265	545	141	45	282	931	–	100	35,843	5
–	–	23,994	10,382	36,120	5,930	1,802	12,623	16	323	60,474	6
–	–	30,440	12,421	3,091	687	2,378	10,888	28	27	32,808	
											7
–	–	29 645	12 231	701	253	2,348	10,708	28	27	31,990	8
–	–	795	190	2,390	434	30	180	–	–	818	9
–	–	46,173	18,450	31,710	4,648	2,142	12,089	–	113	88,554	
–	–	38,610	15,443	460	170	1,631	8,586	–	80	44,102	10
–	–	477	186	100	24	77	380	–	–	7,814	11
											12
–	–	7,086	2,821	31,150	4,454	434	3,123	–	33	36,638	13
2	32	24,145	9,581	1,047	536	3,020	16,587	16	280	41,337	
–	–	16,622	6,553	467	304	2,042	9,639	–	15	18,413	14
											15
2	32	100	43	–	–	67	430	–	–	11,765	16
–	–	7,423	2,985	580	232	911	6,518	16	265	11,159	17
–	–	15,640	7,588	2,616	980	861	5,483	–	75	22,155	
–	–	6,360	2,957	616	170	526	3,175	–	–	11,451	18
											19
–	–	90	45	–	–	40	380	–	75	760	20
–	–	9,190	4,586	2,000	810	295	1,928	–	–	9,944	21
–	–	–	–	–	–	30	300	–	–	300	
–	–	–	–	–	–	30	300	–	–	300	22
–	15	182,961	57,832	46,751	11,876	4,082	18,466	–	46,422[1]	299,106	
–	15	182,196	57,487	46,610	11,831	3,698	16,961	–	46,297	261,648	23
											24
–	–	765	345	141	45	282	931	–	100	35,513	25
–	–	–	–	–	–	102	574	–	25	1,945	26

[1] Nearly all of the value of "Other Fuel" is for petroleum distillate in British Columbia.

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(h) Power Employed

	Province	Establishments	Steam Engines			Gas Engines		
			Units	H.P. according to mfrs., rating	H.P. actually employed	Units	H.P. according to mfrs., rating	H.P. actually employed
		no.	no.	no.	no.	no.	no.	no.
	Canada—Totals	**928**	**163**	**3,101**	**2,954**	**38**	**386**	**378**
1	Lobster canneries	520	38	301	279	13	28	26
2	Salmon canneries	76	93	1,570	1,445	12	117	111
3	Sardine cannery	1						
4	Clam canneries	13	12	411	411	1	2	2
5	Whale oil and fish oil factories	10	9	235	235	1	5	5
6	Fish curing establishments	308	11	584	584	11	234	234
	Prince Edward Island—Totals	**195**	**16**	**150**	**150**	**8**	**12**	**12**
7	Lobster canneries	182						
8	Clam canneries	1	16	150	150	8	12	12
9	Fish curing establishments	12	–	–	–	–	–	–
	Nova Scotia—Totals	**264**	**30**	**898**	**877**	**9**	**226**	**225**
10	Lobster canneries	134	16	114	93	3	9	8
11	Clam and other canneries	6	3	200	200	–	–	–
12	Fish oil factory	1						
13	Fish-curing establishments	123	11	584	584	6	217	217
	New Brunswick—Totals	**243**	**13**	**233**	**232**	**1**	**1**	**1**
14	Lobster canneries	153	4	22	21	–	–	–
15	Sardine canneries	1						
16	Clam and other canneries	4	9	211	211	–	–	–
17	Fish curing establishments	85	–	–	–	1	1	1
	Quebec—Totals	**120**	**2**	**15**	**15**	**7**	**25**	**24**
18	Lobster canneries	51	2	15	15	3	9	8
19	Salmon canneries	2						
20	Clam and other canneries	1	–	–	–	–	–	–
21	Fish curing establishments	66	–	–	–	4	16	16
	Manitoba—Totals	**2**	–	–	–	–	–	–
22	Fish curing establishments	2	–	–	–	–	–	–
	British Columbia—Totals	**104**	**102**	**1,805**	**1 680**	**13**	**122**	**116**
23	Salmon canneries	74						
24	Clam cannery	1	93	1,570	1,445	12	117	111
25	Fish oil and whale oil factories	9	9	235	235	1	5	5
26	Fish curing establishments	20	–	–	–	–	–	–

			Electric Motors (owned)			Other Power (owned)		
	Canada—Totals	**928**	**22**	**193**	**188**	**12**	**126**	**121**
1	Lobster canneries	–	–	–	–	2	5	5
2	Salmon canneries	76	8	69	69	3	55	55
3	Sardine cannery	1						
4	Clam and other canneries	13	3	16	16	–	–	–
5	Whale oil and fish oil factories	10	–	–	–	–	–	–
6	Fish curing establishments	308	11	108	103	7	66	61
	Prince Edward Island—Totals	**195**	–	–	–	**1**	**25**	**20**
7	Lobster canneries	182						
8	Clam and other canneries	1	–	–	–	–	–	–
9	Fish curing establishments	12	–	–	–	1	25	20
	Nova Scotia—Totals	**264**	**11**	**112**	**107**	**3**	**9**	**9**
10	Lobster canneries	134	–	–	–	1	3	3
11	Clam and other canneries	6	2	9	9	–	–	–
12	Fish oil factory	1						
13	Fish curing establishments	123	9	103	98	2	6	6
	New Brunswick—Totals	**243**	**2**	**5**	**5**	**3**	**12**	**12**
14	Lobster canneries	153	–	–	–	1	2	2
15	Sardine cannery	1						
16	Clam and other canneries	4	–	–	–	–	–	–
17	Fish curing establishments	85	2	5	5	2	10	10
	Quebec—Totals	**120**	–	–	–	**2**	**25**	**25**
18	Lobster canneries	51	–	–	–	–	–	
19	Salmon canneries	2						
20	Clam and other canneries	1	–	–	–	–	–	–
21	Fish curing establishments	66	–	–	–	2	25	25
	Manitoba—Totals	**2**	–	–	–	–	–	–
22	Fish curing establishments	2	–	–	–	–	–	–
	British Columbia—Totals	**104**	**9**	**76**	**76**	**3**	**55**	**55**
23	Salmon canneries	74						
24	Clam and other canneries	1	9	76	76	3	55	55
25	Whale oil and fish oil factories	9	–	–	–	–	–	–
26	Fish curing establishments	20	–	–	–	–	–	–

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(h) Power Employed

Gasoline Engines			Water Wheels			Water Motors			
Units	H.P. according to mfrs., rating	H.P. actually employed	Units	H.P. according to mfrs., rating	H.P. actually employed	Units	H.P. according to mfrs., rating	H.P. actually employed	
no.	no.	no.	no.	no.	no.	no.	no.	no.	
641	**3,441**	**3,369**	**50**	**1,016**	**832**	8	**118**	**103**	
451	2,159	2,136	4	16	16	2	10	10	1
65	546	515	46	1,000	816	6	108	93	2
									3
12	54	51	–	–	–	–	–	–	4
3	15	15	–	–	–	–	–	–	5
110	667	652	–	–	–	–	–	–	6
202	**903**	**901**	**4**	**16**	**16**	–	–	–	
									7
194	864	862	4	16	16	–	–	–	8
8	39	39	–	–	–	–	–	–	9
161	**801**	**793**	–	–	–	–	–	–	
123	572	568	–	–	–	–	–	–	10
5	23	20	–	–	–	–	–	–	11
									12
33	206	205	–	–	–	–	–	–	13
178	**997**	**968**	–	–	–	**2**	**10**	**10**	
119	647	632	–	–	–	2	10	10	14
									15
5	27	27	–	–	–	–	–	–	16
54	323	309	–	–	–	–	–	–	17
32	**179**	**177**	–	–	–	–	–	–	
15	76	74	–	–	–	–	–	–	18
2	4	4	–	–	–	–	–	–	19
15	99	99	–	–	–	–	–	–	20
–	–	–	–	–	–	–	–	–	21
–	–	–	–	–	–	–	–	–	22
68	**561**	**530**	**46**	**1,000**	**816**	**6**	**108**	**93**	**23**
65	546	515	46	1,000	816	6	108	93	24
3	15	15	–	–	–	–	–	–	25
–	–	–	–	–	–	–	–	–	26

Boilers			Electric Motors rented			Other Power rented			
								6	
287	**10,899**	**9,235**	**35**	**539**	**538**	3	**6**	3	
157	2,642	2,348	–	–	–	2	3		1
82	5,317	4,592	10	116	116	1	3	3	2
									3
17	976	831	–	–	–	–	–	–	4
21	932	640	1	10	10	–	–	–	5
10	1,032	824	24	413	412	–	–	–	6
68	**1,030**	**1,015**	–	–	–	–	–	–	7
67	1,005	990	–	–	–	–	–	–	8
1	25	25	–	–	–	–	–	–	9
86	**2,582**	**2,156**	**5**	**43**	**42**	**2**	**3**	**3**	
71	1,205	1,006	–	–	–	2	3	3	10
5	350	331	–	–	–	–	–	–	11
									12
10	1,027	819	5	43	42	–	–	–	13
26	**956**	**786**	–	–	–	–	–	–	
16	371	311	–	–	–	–	–	–	14
									15
10	585	475	–	–	–	–	–	–	16
–	–	–	–	–	–	–	–	–	17
4	**86**	**66**	–	–	–	–	–	–	
3	61	41	–	–	–	–	–	–	18
									19
1	25	25	–	–	–	–	–	–	20
–	–	–	–	–	–	–	–	–	21
–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	22
103	**6,245**	**5,212**	**30**	**496**	**496**	**1**	**3**	**3**	
									23
83	5,333	4,592	10	116	116	1	3	3	24
20	912	620	–	–	–	–	–	–	25
–	–	–	20	380	380	–	–	–	26

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(i) Miscellaneous Expenses

	Province	Establishments	Rent of offices works and machinery	Rent of power	Insurance
		no.	$	$	$
	Canada—Totals	**928**	**48,334**	**12,414**	**196,146**
1	Lobster canneries	520	5,788	380	18,012
2	Salmon canneries	76	17,099	5,087	118,363
3	Sardine canneries	1			
4	Clam and other canneries	13	661	100	7,244
5	Whale oil and fish oil factories	10	3,450	125	18,383
6	Fish curing establishments	308	21,336	6,722	34,144
	Prince Edward Island—Totals	**195**	**1,342**	**–**	**1,755**
7	Lobster canneries	182			
8	Clam and other canneries	1	1,222	–	1,381
9	Fish curing establishments	12	120	–	374
	Nova Scotia—Totals	**264**	**12,891**	**1,683**	**33,583**
10	Lobster canneries	134	3,507	305	13,053
11	Clam and other canneries	6	–	–	45
12	Fish oil factory	1			
13	Fish curing establishments	123	9,384	1,378	20,485
	New Brunswick—Totals	**243**	**1,814**	**177**	**13,027**
14	Lobster canneries	153	844	75	2,934
15	Sardine cannery	1			
16	Clam and other canneries	4	11	–	7,129
17	Fish curing establishments	85	959	102	2,964
	Quebec—Totals	**120**	**2,304**	**–**	**3,802**
18	Lobster canneries	51	215	–	644
19	Salmon canneries	2			
20	Clam and other canneries	1	–	–	–
21	Fish curing establishments	66	2,089	–	3,158
	Manitoba—Totals	**2**	**200**	**–**	**61**
22	Fish curing establishments	2	200	–	61
	British Columbia—Totals	**104**	**29,783**	**10,554**	**143,918**
23	Salmon canneries	74			
24	Clam and other canneries	1	17,749	5,187	118,433
25	Whale oil and fish oil factories	9	3,000	–	18,083
26	Fish curing establishments	20	9,034	5,367	7,402

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(i) Miscellaneous Expenses

Taxes	Royalties, use of patents, etc.	Advertising and travelling expenses	Ordinary repairs to buildings and machinery	All other sundry expenses	Total miscellaneous expenses	
$	$	$	$	$	$	
304,004	**711**	**136,666**	**403,873**	**1,164,658**	**2,266,806**	
8,930	198	14,224	62,051	100,619	210,202	1
239,654	440	83,479	268,426	718,164	1,450,712	2
						3
8,666	–	5,948	9,139	30,400	62,158	4
15,545	–	12,602	23,180	91,886	165,171	5
31,209	73	20,413	41,077	223,589	378,563	6
799	**2**	**923**	**23,955**	**51,428**	**80,204**	
						7
637	2	752	23,640	50,112	77,746	8
162	–	171	315	1,316	2,458	9
20,749	**110**	**22,766**	**56,234**	**196,591**	**344,610**	
5,783	110	9,001	26,872	45,305	103,936	10
1,564	–	1,083	2,793	5,022	10,507	11
						12
13,402	–	12,682	26,569	146,267	230,167	13
13,023	**51**	**9,252**	**20,310**	**37,726**	**95,380**	
2,106	51	3,402	9,504	3,017	21,933	14
						15
7,036	–	4,765	6,096	25,228	50,265	16
3,881	–	1,085	4,710	9,481	23,182	17
2,918	**108**	**1,733**	**7,855**	**19,189**	**37,909**	
404	35	1,069	2,035	2,185	6,587	18
						19
21	–	–	–	–	21	20
2,493	73	664	5,820	17,004	31,301	21
20	–	–	–	89	**370**	
20	–	–	–	89	370	22
266,495	**440**	**101,992**	**295,519**	**859,632**	**1,708,333**	
						23
239,699	440	83,579	268,676	718,314	1,452,077	24
15,470	–	12,602	23,080	91,836	164,071	25
11,326	–	5,811	3,763	49,482	92,185	26

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(j) Character of Organization

	Province	Total Number of Establishments	Number of Establishments operated by			
			Individuals	Partnerships	Joint Stock Companies	Co-operative Associations
		no.	no.	no.	no.	no.
	Canada—Totals	**928**	**475**	**194**	**252**	**7**
1	Lobster canneries	520	315	118	82	5
2	Salmon canneries	76	3	6	67	-
3	Sardine canneries	1				
4	Clam and other canneries	13	6	2	6	-
5	Whale oil and fish oil factories	10	-	3	7	-
6	Fish curing establishments	308	151	65	90	2
	Prince Edward Island—Totals	**195**	**129**	**48**	**14**	**4**
7	Lobster canneries	182				
8	Clam and other canneries	1	123	46	10	4
9	Fish curing establishments	12	6	2	4	-
	Nova Scotia—Totals	**264**	**121**	**67**	**73**	**3**
10	Lobster canneries	134	54	39	40	1
11	Clam and other canneries	6	5	-	1	-
12	Fish oil factory	1				
13	Fish curing establishments	123	62	28	32	2
	New Brunswick—Totals	**243**	**163**	**42**	**38**	**-**
14	Lobster canneries	153	110	18	25	-
15	Sardine cannery	1				
16	Clam and other canneries	4	-	2	3	-
17	Fish curing establishments	85	53	22	10	-
	Quebec—Totals	**120**	**53**	**21**	**46**	**-**
18	Lobster canneries	51	29	15	7	-
19	Salmon canneries	2				
20	Clam and other canneries	1	2	-	1	-
21	Fish curing establishments	66	22	6	38	
	Manitoba—Totals	**2**	**-**	**-**	**2**	
22	Fish curing establishments	2	-	-	2	-
	British Columbia—Totals	**104**	**9**	**16**	**79**	**-**
23	Salmon canneries	74				
24	Clam and other canneries	1	1	6	68	-
25	Whale oil and fish oil factories	9	-	3	6	-
26	Fish curing establishments	20	8	7	5	-

II. Agencies of Production, 1919—Part 2. Fish Canning and Curing
(k) Establishments Classified according to Number of Employees

	Province	Total Number of Establishments	Establishments		
			Employing less than five persons	Employing five persons and over	Having no employees
		no.	no.	no.	no.
	Canada—Totals	**928**	**209**	**675**	**44**
1	Lobster canneries	520	86	410	24
2	Salmon canneries	76	1	75	–
3	Sardine canneries	1			
4	Clam and other canneries	13	1	13	–
5	Whale oil and fish oil factories	10	4	5	1
6	Fish curing establishments	308	117	172	19
	Prince Edward Island—Totals	**195**	**52**	**139**	**4**
7	Lobster canneries	182			
8	Clam and other canneries	1	46	133	4
9	Fish curing establishments	12	6	6	–
	Nova Scotia—Totals	**264**	**59**	**196**	**9**
10	Lobster canneries	134	4	129	1
11	Clam and other canneries	6	1	5	–
12	Fish oil factory	1			
13	Fish curing establishments	123	54	62	8
	New Brunswick—Totals	**243**	**62**	**172**	**9**
14	Lobster canneries	153	33	115	5
15	Sardine cannery	1			
16	Clam and other canneries	4	–	5	–
17	Fish-curing establishments	85	29	52	4
	Quebec—Totals	**120**	**28**	**72**	**20**
18	Lobster canneries	51	3	34	14
19	Salmon canneries	2			
20	Clam and other canneries	1	1	2	–
21	Fish curing establishments	66	24	36	6
	Manitoba—Totals	**2**	**2**	**–**	**–**
22	Fish curing establishments	2	2	–	–
	British Columbia—Totals	**104**	**6**	**96**	**2**
23	Salmon canneries	74			
24	Clam and other canneries	1	–	75	–
25	Whale oil and fish oil factories	9	3	5	1
26	Fish curing establishments	20	3	16	1

II. Agencies of Production, 1919—Part 2. In Fish Canning and Curing
(1) Establishments Classified According to Value of Products, 1919

	Province	Total Number of Establishments	Establishments having a production valued at				
			Under $5,000	$5,000 to under $10,000	$10,000 to under $20,000	$20,000 to under $50,000	$50,000 and over
		no.	no.	no.	no.	no.	no.
	Canada—Totals	**928**	**360**	**159**	**168**	**109**	**132**
1	Lobster canneries	520	254	92	100	56	18
2	Salmon canneries	76	2	–	1	2	71
3	Sardine canneries	1					
4	Clam and other canneries	13	2	2	5	3	2
5	Whale oil and fish oil factories	10	3	2	1	1	3
6	Fish curing establishments	308	99	63	61	47	38
	Prince Edward Island—Totals	**195**	**109**	**44**	**37**	**3**	**2**
	Lobster canneries	182					
8	Clam and other canneries	1	101	42	36	3	1
9	Fish curing establishments	12	8	2	1	–	1
	Nova Scotia—Totals	**264**	**50**	**54**	**67**	**53**	**40**
10	Lobster canneries	134	22	24	39	33	16
11	Clam and other canneries	6	1	1	3	–	1
12	Fish oil factory	1					
13	Fish curing establishments	123	27	29	25	20	23
	New Brunswick—Totals	**243**	**147**	**44**	**30**	**16**	**6**
14	Lobster canneries	153	108	23	13	8	1
15	Sardine cannery	1					
16	Clam and other canneries	4	–	1	1	2	1
17	Fish curing establishments	85	39	20	16	6	4
	Quebec—Totals	**120**	**48**	**13**	**28**	**26**	**5**
18	Lobster canneries	51	24	3	12	12	–
19	Salmon canneries	2					
20	Clam and other canneries	1	2	–	1	–	–
21	Fish curing establishments	66	22	10	15	14	5
	Manitoba—Totals	**2**	**1**	**–**	**1**	**–**	**–**
22	Fish curing establishments	2	1	–	1	–	–
	British Columbia—Totals	**104**	**5**	**4**	**5**	**11**	**79**
23	Salmon canneries	74					
24	Clam and other canneries	1	–	–	1	3	71
25	Whale oil and fish oil factories	9	3	1	1	1	3
26	Fish curing establishments	20	2	3	3	7	5

III. SPECIAL TABLES OF IMPORTS AND EXPORTS, BOUNTIES, Etc.

III. (1) Statements showing the Salmon-pack of the Province of British Columbia, by Districts and Species, from 1909 to 1919, inclusive. (From reports of B.C. Salmon Canners' Association).

FRASER RIVER

	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909
Sockeyes	29,628	16,849	123,614	32,146	91,130	198,183	719,796	123,879	58,487	150,432	585,435
Springs, red	14,519	15,192	10,197	17,673	23,228	11,209	3,573	15,856	7,028	1,018	1,428
Springs, white and pink	4,206	24,853	18,916	11,430	5,392	15,300	49	9,826	6,751	8,925	–
Chums	15,718	86,215	59,973	30,924	18,919	74,826	22,220	12,997	47,237	52,460	
Pinks	39,363	18,388	134,442	840	138,305	6,272	20,773	574	142,101	128	8,687
Cohoes	39,253	40,111	25,895	31,330	43,514	43,504	16,018	36,190	39,740	35,031	27,919
Bluebacks and Steelheads	15,941	4,395	4,951	3,129	31	–	–	–	–	–	–
Totals	**158,628**	**206,003**	**377,988**	**127,472**	**320,519**	**349,294**	**782,429**	**199,322**	**301,344**	**247,994**	**623,469**

SKEENA RIVER

Sockeyes	184,945	123,322	65,760	60,923	116,553	130,166	52,927	92,498	131,066	187,246	87,901
Springs	25,941	22,841	16,285	20,933	15,273	11,740	26,436	23,833	17,942	9,785	12,469
Chums	31,457	22,573	21,516	17,121	5,769	8,329	–	504	70	–	
Pinks	117,303	161,727	148,319	73,029	107,578	71,021	66,045	97,588	81,956	13,473	28,120
Cohoes	36,559	38,759	38,456	47,409	32,190	16,378	18,647	39,835	23,376	11,531	12,249
Steelheads	2,672	4,994	1,883	3,743	1,798	–	–	–	–	–	–
Totals	**398,877**	**374,216**	**292,219**	**223,158**	**279,161**	**237,634**	**164,055**	**254,258**	**254,410**	**222,035**	**140,739**

RIVERS INLET

Sockeyes	56,258	53,401	61,195	44,936	130,350	89,890	61,745	112,884	88,763	126,921	89,027
Springs	1,442	1,409	817	1,422	1,022	566	594	1,149	317	383	587
Chums	7,089	6,729	16,101	20,144	5,387	5,023	–	3,845	288	–	–
Pinks	6,538	29,542	8,065	3,567	2,964	5,784	2,097	8,809	5,411	19	–
Cohoes	9,038	12,074	9,124	15,314	7,115	7,789	3,660	11,010	6,287	2,075	1,400
Steelheads	2	–	–	–	–	–	–	–	–	–	–
Totals	**80,367**	**103,155**	**95,302**	**85,383**	**146,838**	**109,052**	**68,096**	**137,697**	**101,066**	**129,398**	**91,014**

NAAS RIVER

Sockeyes	28,259	21,816	22,188	31,411	39,349	31,327	23,574	36,037	37,327	30,810	28,246
Springs	3,574	4,152	4,496	3,845	3,701	3,385	3,151	6,936	3,759	1,239	2,337
Chums	24,041	40,368	24,938	11,200	11,076	25,569	2,987	3,245	5,189	351	3,589
Pinks	29,949	59,206	44,568	59,593	34,879	25,333	20,539	12,476	11,467	895	–
Cohoes	10,900	17,061	22,180	19,139	15,171	9,276	3,172	12,468	7,942	6,285	6,818
Steelheads	789	1,305	1,125	1,498	113	–	–	–	–	140	–
Totals	**97,512**	**143,908**	**119,495**	**126,686**	**104,289**	**94,890**	**53,423**	**71,162**	**65,684**	**39,720**	**40,990**

VANCOUVER ISLAND

Sockeyes	15,678	9,091	34,189	9,223	–	–	–	–	–	–	–
Springs, red	28,476	25,460	15,714	4,725	–	–	–	–	–	–	–
Springs, white and pink	7,537	4,864	3,795	123	–	–	–	–	–	–	–
Chums	128,013	251,266	240,381	47,178	–	–	–	–	–	–	–
Pinks	43,186	57,035	49,156	34,993	–	–	–	–	–	–	–
Cohoes	44,884	40,732	31,733	28,489	–	–	–	–	–	–	–
Bluebacks and Steelheads	8,645	4,215	2,916	–	–	–	–	–	–	–	–
Totals	**276,419**	**392,663**	**377,884**	**124,731**	–	–	–	–	–	–	–

OUTLYING DISTRICTS*

Sockeyes	54,677	51,980	32,902	36,150	98,660	87,130	114,136	79,464	67,866	70,506	49,832
Springs	14,766	8,583	6,056	6,575	9,488	7,128	7,246	22,837	12,659	7,439	2,196
Chums	165,717	90,464	112,364	113,634	40,849	70,727	52,758	37,734	39,167	5,551	–
Pinks	110,300	201,847	112,209	108,622	83,626	111,930	83,430	128,296	64,312	20,098	6,148
Cohoes	34,936	42,331	30,201	41,942	48,966	43,254	28,328	65,806	42,457	19,460	13,532
Bluebacks and Steelheads	767	1,007	865	712	985	–	–	–	–	–	–
Totals	**381,163**	**396,212**	**294,597**	**307,635**	**282,574**	**320,169**	**285,898**	**334,137**	**226,461**	**123,054**	**71,708**

PACKED BY DISTRICTS IN PREVIOUS YEARS

Fraser River	158,628	206,003	377,988	127,472	320,519	349,294	782,429	199,322	301,344	247,994	623,469
Skeena River	398,877	374,216	292,219	223,158	279,161	237,634	164,055	254,258	254,410	222,035	140,739
Rivers Inlet	80,367	103,155	95,302	85,383	146,838	109,052	68,096	137,697	101,066	129,398	91,014
Naas River	97,512	143,908	119,495	126,686	104,289	94,890	53,423	71,162	65,684	39,720	40,990
Vancouver Island	276,419	392,663	377,884	124,731	313,894	320,169	285,898	334,187	226,461	123,054	71,708
Outlying Districts	381,163	396,212	294,597	307,635							
Grand Totals	**1,392,966**	**1,616,157**	**1,557,485**	**995,065**	**1,164,701**	**1,111,039**	**1,353,901**	**996,626**	**948,965**	**762,201**	**967,920**

* Prior to 1916, included Vancouver Island.

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III. (2) Detailed Statement of Fishing Bounties paid to Vessels and Boats for the year 1919

Provinces and Counties	No. of Vessels	Tonnage	Average tonnage	No. of men	Amount paid	No. of boats	No. of men	Amount paid	Total bounty paid to vessels and boats 1919
					$ cts.			$ cts.	$ cts.
P. E. Island—									
Kings	8	138	17	26	304 40	395	556	2,674 00	2,978 40
Prince	7	99	14	28	278 20	406	938	4,242 70	4,520 90
Queens	2	24	12	4	49 60	116	253	1,153 30	1,202 90
Totals	**17**	**261**	**15**	**58**	**632 20**	**917**	**1,747**	**8,070 00**	**8,702 20**
Nova Scotia—									
Annapolis	1	13	13	3	32 20	154	256	1,202 30	1,234 50
Antigonish	–	–	–	–	–	139	193	930 30	930 30
Cape Breton	26	402	15	116	1,142 15	467	871	4,035 70	5,177 85
Cumberland	–	–	–	–	–	3	5	23 50	23 50
Digby	6	164	27	50	483 10	353	601	2,818 10	3,301 20
Guysboro	58	923	16	295	2,808 15	792	1,283	6,047 90	8,856 05
Halifax	66	1,032	16	306	2,987 10	1,291	1,734	8,400 50	11,387 60
Inverness	28	436	16	127	1,248 80	383	778	3,575 90	4,824 70
Kings	1	11	11	3	30 20	53	76	364 60	394 80
Lunenburg	145	8,815	61	2,316	23,626 65	536	639	3,155 90	26,782 55
Pictou	1	15	15	2	27 80	46	61	296 10	323 90
Queens	12	146	12	31	344 40	152	258	1,209 80	1,554 20
Richmond	41	737	18	208	2,065 50	469	810	3,791 00	5,856 50
Shelburne	32	669	21	220	2,073 55	551	1,078	4,970 80	7,044 35
Victoria	12	162	14	52	494 05	337	516	2,452 60	2,946 65
Yarmouth	29	1,209	42	388	3,689 20	118	262	1,193 20	4,882 40
Totals	**458**	**14,734**	**32**	**4,117**	**41,052 85**	**5,844**	**5,421**	**44,468 20**	**85,521 05**
New Brunswick—									
Charlotte	9	117	13	25	273 00	381	636	2,985 75	3,258 75
Gloucester	242	3,517	14	1,056	10,268 75	162	381	1,724 10	11,992 85
Kent	7	72	10	17	180 80	44	72	339 20	520 00
Northumberland	2	34	17	8	85 20	2	4	18 40	103 60
Restigouche	–	–	–	–	–	5	11	50 10	50 10
St. John	1	14	14	3	33 20	16	27	126 70	159 90
Totals	**261**	**3,754**	**14**	**1,109**	**10,840 95**	**610**	**1,131**	**5,244 25**	**16,085 20**
Quebec—									
Bonaventure	2	26	13	8	77 20	876	1,569	7,306 20	7,383 40
Gaspé	7	76	11	25	245 85	2,977	6, 98	27,966 40	28,212 20
Rimouski	–	–	–	–	–	83	121	578 80	578 85
Saguenay	3	45	15	15	141 00	1,006	1,831	8,512 80	8,653 80
Totals	**12**	**147**	**12**	**48**	**464 05**	**4,942**	**9,619**	**44,364 20**	**44,828 25**
Grand Totals	**748**	**18,896**	**25**	**5,332**	**52,990 05**	**12,313**	**21,918**	**102,146 65**	**155,136 70**

III. (3) Imports and Exports of Fish and Fish Products

STATEMENT showing the Quantities and Values of Fish and Fish Products Imported into Canada for Consumption during the Fiscal Year ended March 31, 1920.

Classification		Fiscal Year, 1920	
		Quantity	Value
Fish and Fish Products—			$
Fish—			
Anchovies, sardines, sprats, and other fish, packed in oil or otherwise, in tin boxes, weighing:			
Over 20 but not over 36 ounces each	box	4,403	1,820
Over 12 but not over 20 ounces each	box	43,604	8,484
Over 8 but not over 12 ounces each	box	89,160	17,995
8 ounces or less	box	3,324,781	497,895
Bait fish, fresh	lb.	321	24
Cod, haddock and pollock—			
Dried	lb.	3,068,584	328,492
Fresh	lb.	2,836,678	108,914
Smoked	lb.	57,399	2,911
Wet salted or pickled	lb.	1,130,334	62,996
Halibut, fresh or frozen	lb.	2,045,270	205,789
Herrings, canned	lb.	140,963	25,405
Herrings, fresh or frozen	lb.	483,873	13,168
Herrings, pickled or salted	lb.	11,289,472	555,520
Herrings, smoked	lb.	78,327	4,471
Live fish or fish eggs for propagating purposes		–	2,009
Lobsters, canned	lb.	149,323	99,401
Lobsters, fresh		–	9,661
Mackerel, fresh	lb.	60,802	6,321
Mackerel, pickled	lb.	1,400	263
Oysters, canned in cans not over one pint	can	287,950	47,251
Oysters, canned in cans over one pint but not over one quart	can	910	397
Oysters, canned in cans exceeding one quart	qt.	2,649	1,606
Oysters, fresh in shells	brl.	3,436	25,373
Oysters, shelled in bulk	gal.	174,414	406,051
Oysters, prepared or preserved, n.o.p.	lb.	21,649	12,508
Salmon, canned, prepared or preserved	lb.	1,928,977	352,739
Salmon, fresh	lb.	900,521	76,960
Salmon, pickled or salted	lb.	263,502	24,730
Salmon, smoked	lb.	27, 59	9,275
Seed and breeding oysters imported for the purpose of being planted in Canadian waters		–	3,758
Squid		–	54,374
Other fish—			
Dried	lb.	330,263	88,606
Fresh	lb.	1,074,266	98,293
Pickled	lb.	786,089	71,832
Preserved in oil		–	28,246
Prepared or preserved, n.o.p.		–	231,206
Smoked or boneless	lb.	31,438	6,835
Fish Products—			
Ambergris		–	–
Fish offal or refuse		–	46,416
Fur skins, undressed, the produce of marine animals		–	26,145
Oils—			
Cod liver oil	gal.	70,907	157,821
Seal oil	gal.	21,299	20,042
Whale and spermaceti oil	gal.	4,667	7,855
Other fish oil	gal.	65,167	76,360
Pearl, mother of, unmanufactured		–	44,955
Sponges of marine production		–	76,672
Tortoise and other shells, unmanufactured		–	34,525
Turtles		–	5,458
Whalebone, unmanufactured	lb.	778	702
Other fish and fish products		–	63,352
Total Fish and Fish Products		–	**4,051,882**

III. (3) Imports and Exports of Fish and Fish Products—*Continued*

STATEMENT showing the Quantities and Values of Fish and Fish Products of Canadian origin Exported from Canada during the Fiscal Year ended March 31, 1920.

Classification		Fiscal Year, 1920	
		Quantity	Value
			$
Fish and fish products—			
Fish—			
Alewives, salted	cwt.	28,362	154,668
Bait fish	cwt.	17,480	24,592
Clams, canned	cwt.	2,100	26,647
Clams, fresh	cwt.	3,612	8,992
Codfish, boneless, canned or preserved, n.o.p	cwt.	15,323	198,639
Codfish, dried	cwt.	607,794	8,002,673
Codfish, fresh and frozen	cwt.	31,154	162,683
Codfish, green salted (pickled)	cwt.	195,229	1,242,687
Codfish, smoked	cwt.	317	5,808
Eels	cwt.	8,622	86,287
Haddock, canned	cwt.	10,876	166,537
Haddock, dried	cwt.	79,887	548,772
Haddock, fresh and frozen	cwt.	32,452	145,281
Haddock, smoked	cwt.	13,979	138,379
Halibut, fresh and frozen	cwt.	32,590	476,140
Herrings, lake, fresh and frozen	cwt.	80,708	661,699
Herrings, lake, pickled	cwt.	17,218	97,647
Herrings, lake, smoked	cwt.	649	7,877
Herrings, sea, canned	cwt.	35,646	470,968
Herrings, sea, dry salted	cwt.	448,251	775,389
Herrings, sea, fresh and frozen	cwt.	255,398	152,922
Herrings, sea, pickled	cwt.	175,107	729,835
Herrings, sea, smoked	cwt.	73,098	513,161
Lobsters, canned	cwt.	59,246	4,083,678
Lobsters, fresh	cwt.	42,707	848,421
Mackerel, canned	cwt.	615	8,804
Mackerel, fresh and frozen	cwt.	52,295	483,955
Mackerel, pickled	cwt.	91,661	948,634
Oysters, fresh	cwt.	1,589	12,548
Pilchards, canned	cwt.	28,952	338,942
Pollock, hake and cusk, boneless	cwt.	161	1,968
Pollock, hake and cusk, dried	cwt.	64,659	627,412
Pollock, hake and cusk, fresh and frozen	cwt.	10,236	49,602
Pollock, hake and cusk, green salted	cwt.	49,501	211,963
Salmon, canned	cwt.	615,288	12,067,319
Salmon, dry salted (chum)	cwt.	27,377	71,051
Salmon, fresh and frozen	cwt.	312,419	1,420,171
Salmon, pickled	cwt.	12,457	208,293
Salmon, smoked	cwt.	143	2,710
Salmon or lake trout	cwt.	28,739	298,696
Sea fish, other, fresh	cwt.	4,886	35,535
Sea fish, other, pickled	cwt.	344	1,789
Sea fish, other, preserved	cwt.	1,632	33,570
Shellfish, other, fresh		–	61,707
Smelts	cwt.	61,995	763,942
Swordfish	cwt.	4,711	71,582
Tongues and sounds	cwt.	926	8,331
Tullibee	cwt.	49,875	312,723
Whale meat	cwt.	738	7,311
Whitefish	cwt.	102,609	1,060,365
All other fish, fresh and frozen	cwt.	225,412	1,847,843
All other fish, pickled	cwt.	2	24
Fish Products—			
Fish offal or refuse		–	248,137
Oils—			
Cod liver oil	gal.	379,972	384,097
Seal oil	gal.	35,670	49,487
Whale oil	gal.	557,299	682,365
Other fish oil	gal.	157,153	124,482
Seal skins	no.	1,715	10,818
Other articles of the fisheries		–	41,438
Total Fish and Fish Products		–	**42,227,996**

III. (3) Imports and Exports of Fish and Fish Products—*Continued.*

STATEMENT showing Quantities of the Principal Fish and Fish Products of Canadian origin exported from Canada during the Fiscal Year ended March 31, 1920—*Continued.*

Countries to which Exported	Alewives, salted	Bait fish	Clams	
			Canned	Fresh
	cwt.	cwt.	cwt.	cwt.
United Kingdom	–	–	–	–
Bermuda	–	–	1	–
British Africa, South	–	–	–	–
British Africa, West	–	–	–	–
British East Indies—				
Ceylon	–	–	–	–
India	–	–	–	–
Straits Settlements	–	–	–	–
British Guiana	215	–	–	.
British Oceania—				
Australia	–	–	–	–
Fiji	–	–	–	
New Zealand	–	–	–	–
Other	–	–	–	–
British West Indies—				
Barbados	70	–	3	–
Jamaica	9,170	–	–	–
Trinidad and Tobago	–	–	–	–
Other	1,175	–	4	–
Egypt and Sudan	–	–	–	–
Hong Kong	–	–	–	–
Malta	–	–	–	–
Newfoundland	–	380	4	–
Argentine Republic	–	–	–	–
Austria	–	–	–	–
Belgium	–	–	–	–
Bolivia	–	–	–	–
Brazil	–	–	–	–
Chile	–	–	–	–
China	–	–	–	–
Costa Rica	30	–	–	–
Cuba	–	–	–	–
Denmark	–	–	–	–
Ecuador	–	–	–	–
France	–	–	–	–
French Guiana	4	–	–	–
French Oceania	–	–	–	–
French West Indies	–	–	–	–
St. Pierre and Miquelon	–	–	–	–
Greece	–	–	–	–
Greenland, Iceland, etc	–	–	–	–
Hayti	3,530	–	–	–
Italy	–	–	–	–
Japan	–	–	–	–
Mexico	–	–	–	–
Netherlands	–	–	–	–
Dutch East Indies	–	–	–	–
Dutch Guiana	1,872	–	–	–
Dutch West Indies	–	–	–	–
Nicaragua	–	–	–	–
Norway	–	–	–	–
Panama	75	–	–	–
Peru	–	–	–	–
Portugal	–	–	–	–
Azores and Madeira	–	–	–	–
Russia	–	–	–	–
San Domingo	4	–	–	–
Siam	–	–	–	–
Sweden	–	–	–	–
Switzerland	–	–	–	–
Turkey	–	–	–	–
United States	12,190	16,720	2,088	3,612
Alaska	–	380	–	–
American Virgin Islands	2	–	–	–
Philippine Islands	–	–	–	–
Porto Rico	25	–	–	–
Uruguay	–	–	–	–
Venezuela	–	–	–	–
RECAPITULATION				
British Empire	10,630	380	12	–
Foreign Countries	17,732	17,100	2,088	3,612
Total	**28,362**	**17,480**	**2,100**	**3,612**

III. (3) Imports and Exports of Fish and Fish Products—*Continued*

STATEMENT showing Quantities of the Principal Fish and Fish Products of Canadian origin exported from Canada during the Fiscal Year ended March 31, 1920—*Continued.*

Codfish				Eels	Haddock				Halibut, fresh and frozen	Herrings, Lake	
Boneless, canned, or preserved	Dried	Fresh and frozen	Green salted (pickled)		Canned	Dried	Fresh and frozen	Smoked		Fresh and frozen	Pickled
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
410	949	2,180	–	–	1,609	560	3,202	1,765	–	–	–
47	2,937	–	1	–	9	4	–	136	–	–	–
116	–	–	–	–	194	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
2	2,388	–	–	–	2	756	–	6	–	–	–
58	–	27	–	–	24	–	–	163	57	–	–
5	–	3	–	–	–	–	–	–	7	–	–
46	–	–	–	–	91	–	–	236	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
2	4,328	12	1	–	2	894	–	5	–	–	–
4	29,131	–	113	–	–	324	–	–	–	–	–
–	22,556	–	–	–	2	1,493	–	13	–	–	–
–	4,732	–	206	–	–	366	–	2	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	5	–	–	17	–	–	–
–	112	–	–	–	–	448	–	–	–	–	–
–	8,656	4	440	–	24	–	–	69	22	–	–
49	3,960	–	–	–	2	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
48	–	–	–	–	84	–	–	30	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
12	99,349	–	–	–	12	728	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–		–	–	–	–
–	901	–	–	–	–	76	–	–	–	–	–
–	146,842	–	–	–	–	9,696	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
357	–	–	2	–	313	–	–	–	–	–	–
–	160	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	2,103	–	–	–	–	13	–	–	–	–	–
1	–	–	–	–	1	–	–	1	–	–	–
–	–	–	–	–	1,349	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	71	–	–	–	–	–	–	–	–	–	–
–	6,795	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	35	–	–	–	–	–	–	–	–	–	–
–	–	–	–	6	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	117	–	–	–	–	1,259	–	–	–	–	–
1	–	–	–	–	–	–	–	–	–	–	–
–	10	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	1	–	–	–	–	–	–
–	3,234	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	448	–	–	–	–	–	–	–	–	–	–
–	128	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	6	–	–	–	–	702	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	36	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
14,146	186,933	28,928	194,456	8,580	7,152	54,132	29,250	11,526	32,504	80,708	17,218
–	–	–	–	–	–	–	–	10	–	–	–
–	22	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	80,541	–	10	–	–	8,436	–	–	–	–	–
–	350	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–
695	75,789	2,226	761	–	1,962	4,845	3,202	2,412	86	–	–
14,628	532,005	28,928	194,468	8,622	8,914	75,042	29,250	11,567	32,504	80,708	17,218
15,323	**607,794**	**31,154**	**195,229**	**8,622**	**10,876**	**79,887**	**32,452**	**13,979**	**32,590**	**80,708**	**17,218**

III. (3) Imports and Exports of Fish and Fish Products—*Continued*

STATEMENT showing Quantities of the Principal Fish and Fish Products of Canadian origin exported from Canada during the Fiscal Year ended March 31, 1920.—*Continued.*

Countries to which Exported	Herrings, Sea				
	Canned	Dry-salted	Fresh and frozen	Pickled	Smoked
	cwt.	cwt.	cwt.	cwt.	cwt.
United Kingdom	1	–	–	391	1
Bermuda	297	–	–	82	256
British Africa, South	461	–	–	–	–
British Africa, West	–	–	–	–	–
British East Indies—					–
Ceylon	–	–	–	–	–
India	111	–	–	–	–
Straits Settlements	84	–	–	–	–
British Guiana	1,391	–	–	6,308	1,009
British Oceania—					
Australia	4,783	–	30	98	761
Fiji	1,718	–	–	1	12
New Zealand	10,896	–	–	–	190
Other	611	–	–	–	–
British West Indies—					
Barbados	482	–	–	4,561	69
Jamaica	1,997	–	–	62,927	294
Trinidad and Tobago	2,862	–	–	3,373	3,534
Other	172	–	–	8,004	668
Egypt and Sudan	–	–	–	–	–6
Hong Kong	88	48,280	–	869	1
Malta	–	–	–	–	–5
Newfoundland	76	–	–	–	–
Argentine Republic	860	–	–	–	2
Austria	–	–	–	–	–5
Belgium	–	–	–	12	3
Bolivia	–	–	–	–	–0
Brazil	4,516	–	–	40	–
Chile	–	–	–	–	–
China	321	114,247	–	837	–
Costa Rica	–	–	–	122	3
Cuba	1,938	–	–	10	2,290
Denmark	–	–	–	–	–3
Ecuador	–	–	–	–	–
France	2	–	–	–	–
French Guiana	–	–	–	–	2
French Oceania	–	–	–	–	–
French West Indies	4	–	–	400	–
St. Pierre and Miquelon	8	–	–	–	4
Greece	14	–	–	57	–
Greenland, Iceland, etc	–	–	–	–	–
Hayti	–	–	–	40	–
Italy	–	–	–	–	–
Japan	48	244,890	–	–	–
Mexico	48	–	–	–	–
Netherlands	–	–	–	–	–
Dutch East Indies	480	–	–	–	–
Dutch Guiana	–	–	–	1,040	347
Dutch West Indies	–	–	–	10	–
Nicaragua	–	–	–	–	–
Norway	–	–	–	–	–
Panama	–	–	–	162	118
Peru	–	–	–	–	–
Portugal	–	–	–	–	–
Azores and Madeira	–	–	–	–	–
Russia	–	–	–	–	–
San Domingo	5	–	–	60	204
Siam	–	–	–	–	–
Sweden	–	–	–	–	–
Switzerland	–	–	–	–	–
Turkey	48	–	–	2	–
United States	1,324	40,834	255,368	66,141	62,245
Alaska	–	–	–	–	–
American Virgin Islands	–	–	–	14	5
Philippine Islands	–	–	–	–	–
Porto Rico	–	–	–	19,546	359
Uruguay	–	–	–	–	–
Venezuela	–	–	–	–	–
RECAPITULATION					
British Empire	26,030	48,280	30	86,614	7,461
Foreign Countries	9,616	399,971	255,368	88,493	65,637
Total	35,646	448,251	255,398	175,107	73,098

III. (3) Imports and Exports of Fish and Fish Products—*Continued.*

STATEMENT showing Quantities of the Principal Fish and Fish Products of Canadian origin exported from Canada during the Fiscal Year ended March 31, 1920—*Continued.*

Lobsters		Mackerel		Pilchards	Pollock, Hake and Cusk			Salmon			
Canned	Fresh	Fresh and frozen	Pickled	canned	Dried	Fresh and frozen	Green salted	Canned	Dry-salted (Chum)	Fresh and frozen	Pickled
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
26,887	–	–	–	1,830	–	–	–	310,451	–	4,648	467
11	–	–	213	977	153	1	–	54	–	–	73
–	–	–	–	50	–	–	–	2,751	–	–	–
–	–	–	–	–	–	–	–	528	–	–	–
–	–	–	–	–	–	–	–	13	–	–	–
–	–	–	–	24	–	–	–	506	–	–	–
–	–	–	–	278	–	–	–	25,514	–	–	–
15	–	–	4,801	96	21,174	18	56	37	–	–	577
10	–	–	–	1,150	–	–	–	21,988	–	130	–
–	–	–	–	153	–	–	–	3,297	–	11	–
–	–	–	–	3,111	–	–	–	13,926	–	2	–
–	–	–	–	2,450	–	–	–	681	–	36	–
–	–	–	68	9	1,018	–	2	597	–	–	518
–	–	–	10,531	–	2,849	–	–	1,244	–	–	677
4	–	–	258	50	2,302	143	–	–	–	–	100
1	–	–	252	62	8,594	101	–	36	–	–	104
–	–	–	–	–	–	–	–	234	–	–	–
–	–	–	–	–	–	–	–	446	–	37	–
–	–	–	–	–	–	–	–	226	–	–	–
–	–	–	–	–	–	–	–	4	–	–	–
–	–	–	–	–	400	–	–	–	–	–	–
–	–	–	–	–	–	–	–	20	–	–	–
1,834	–	–	–	–	–	–	–	7,136	–	–	–
–	–	–	–	–	–	–	–	1,344	–	–	–
–	–	–	–	–	7,005	–	–	–	–	–	–
–	–	–	–	–	–	–	–	14,510	–	–	–
	–	–	–	–	–	–	–	60	–	–	–
–	–	–	98	–	–	–	–	–	–	–	9
–	–	–	66	–	863	–	–	3,348	–	–	–
2,091	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	144	–	–	–	1,426	–	–	–
8,546	–	–	–	–	–	–	–	119,868	–	–	–
–	–	–	–	–	33	–	–	–	–	–	6
–	–	–	–	120	–	–	–	157	–	–	–
–	–	–	–	–	80	–	–	–	–	–	–
80	–	–	–	2	–	–	–	42	–	–	–
313	–	–	–	–	–	–	–	4,888	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	10	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	4,131	–	–	–
–	–	–	–	301	–	–	–	2	19,644	–	–
–	–	–	–	–	–	–	–	5,890	–	–	–
–	–	–	–	–	–	–	–	19	–	–	–
–	–	–	–	–	–	–	–	1,402	–	–	–
–	–	–	62	–	5,227	–	–	5	–	–	894
–	–	–	–	–	4	–	–	–	–	–	3
–	–	–	–	–	–	–	–	–	–	–	–
573	–	–	–	–	–	–	–	1	–	–	–
–	–	–	583	–	–	–	–	326	–	–	50
–	–	–	–	–	–	–	–	1,874	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	16	–	428	–	–	–	–	–	–
–	–	–	–	–	–	–	–	193	–	–	–
1,105	–	–	–	–	–	–	–	103	–	–	–
–	–	–	–	–	–	–	–	28	–	–	–
60	–	–	–	–	–	–	–	144	–	–	–
17,716	42,707	52,295	74,703	18,145	9,769	9,973	49,443	62,248	7,733	307,555	8,976
–	–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	1,440	–	–	–
–	–	–	–	–	4,760	–	–	2,150	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
26,928	–	–	16,123	10,240	36,090	263	58	382,533	–	4,864	2,516
32,318	42,707	52,295	75,538	18,712	28,569	9,973	49,443	232,755	27,377	307,555	9,941
59,246	**42,707**	**52,295**	**91,661**	**28,952**	**64,659**	**10,236**	**49,501**	**615,288**	**27,377**	**312,419**	**12,457**

III. (3) Imports and Exports of Fish and Fish Products—*Concluded*

STATEMENT showing Quantities of the Principal Fish and Fish Products of Canadian origin exported from Canada during the Fiscal Year ended March 31, 1920.—*Concluded.*

Countries to which Exported	Salmon or Lake Trout	Smelts	Swordfish	Tongues and Sounds	Tullibee
	cwt.	cwt.	cwt.	cwt.	cwt.
United Kingdom	–	–	–	–	–
Bermuda	–	–	–	10	–
British Africa, South	–	–	–	–	–
British Africa, West	–	–	–	–	–
British East Indies—					
Ceylon	–	–	–	–	–
India	–	–	–	–	–
Straits Settlements	–	–	–	–	–
British Guiana	–	–	–	–	–
British Oceania—					
Australia	–	–	–	–	–
Fiji	–	–	–	–	–
New Zealand	–	–	–	–	–
Other	–	–	–	–	–
British West Indies—					
Barbados	–	–	–	–	–
Jamaica	10	–	–	2	–
Trinidad and Tobago	–	–	–	–	–
Other	–	–	–	–	–
Egypt and Sudan	–	–	–	–	–
Hong Kong	–	–	–	–	–
Malta	–	–	–	–	–
Newfoundland	–	–	–	–	–
Argentine Republic	–	–	–	–	–
Austria	–	–	–	–	–
Belgium	–	–	–	–	–
Bolivia	–	–	–	–	–
Brazil	–	–	–	–	–
Chile	–	–	–	–	–
China	–	–	–	–	–
Costa Rica	–	–	–	–	–
Cuba	–	–	–	–	–
Denmark	–	–	–	–	–
Ecuador	–	–	–	–	–
France	–	–	–	–	–
French Guiana	–	–	–	–	–
French Oceania	–	–	–	–	–
French West Indies	–	–	–	–	–
St. Pierre and Miquelon	–	–	–	–	–
Greece	–	–	–	–	–
Greenland, Iceland, etc	–	–	–	–	–
Hayti	–	–	–	–	–
Italy	–	–	–	–	–
Japan	–	–	–	–	–
Mexico	–	–	–	–	–
Netherlands	–	–	–	–	–
Dutch East Indies	–	–	–	–	–
Dutch Guiana	–	–	–	–	–
Dutch West Indies	–	–	–	–	–
Nicaragua	–	–	–	–	–
Norway	–	–	–	–	–
Panama	–	–	–	–	–
Peru	–	–	–	–	–
Portugal	–	–	–	–	–
Azores and Madeira	–	–	–	–	–
Russia	–	–	–	–	–
San Domingo	–	–	–	–	–
Siam	–	–	–	–	–
Sweden	–	–	–	–	–
Switzerland	–	–	–	–	–
Turkey	–	–	–	–	–
United States	28,729	61,995	4,711	914	49,875
Alaska	–	–	–	–	–
American Virgin Islands	–	–	–	–	–
Pihlippine Islands	–	–	–	–	–
Porto Rico	–	–	–	–	–
Uruguay	–	–	–	–	–
Venezuela	–	–	–	–	–
RECAPITULATION					
British Empire	10	–	–	12	–
Foreign Countries	28,729	61,995	4,711	914	49,875
Total	**28,739**	**61,995**	**4,711**	**926**	**49,875**

III. (3) Imports and Exports of Fish and Fish Products—*Concluded*

STATEMENT showing quantities of the Principal Fish and Fish Products of Canadian origin exported from Canada during the Fiscal Year ended March 31, 1920—*Concluded.*

Whalemeat	Whitefish	Other Fish, except Shell fish, Fresh				Fish Oils				Seal Skins
		Boneless, canned or preserved	Fresh	Pickled	Smoked	Cod liver	Seal	Whale	Other	
cwt.	cwt.	cwt.	cwt.	cwt.	cwt.	gal.	gal.	gal.	gal.	no.
–	1,094	466	15	–	–	10,306	21,602	2,839	730	74
–	–	20	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
48	–	–	–	–	–	–	–	–	–	–
–	–	23	–	20	–	78	–	–	–	–
–	–	55	–	–	154	–	–	–	–	–
–	–	–	–	–	4	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	4	268	–	–	–	–	–	–
–	–	–	–	–	–	988	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	3	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	12	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	18	18	–	–	2,618	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
1	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	290	–	–	–	–	–	–	–	19
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	5	–	–	–	–	–	–	–
–	–	1	–	–	143	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	44,677	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–

III. (4) Quantities and Values of Fish landed in United States Atlantic Ports by Canadian Vessels, during the year 1919

Months	Quantities	Values
	lb.	$
January	193,704	11,473
February	524,502	22,687
March	170,007	6,372
April	216,075	4,275
May	864,146	20,015
June	1,079,260	28,162
July	57,464	5,585
August	34,800	2,085
September	Nil.	Nil.
October	94,754	3,654
November	61,435	1,953
December	Nil.	Nil.
Totals	**3,296,147**	**106,261**

CANADA

BUREAU FÉDÉRAL DE LA STATISTIQUE

RECENSEMENT INDUSTRIEL, 1919

STATISTIQUE DES PÊCHERIES

1919

(Recueillie avec la collaboration des Services des Pêcheries du Gouvernement Fédéral et des Provinces.)

IMPRIMÉ PAR ORDRE DU PARLEMENT

OTTAWA
THOMAS MULVEY
IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI
1920

[N° 17d—1921]

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RECENSEMENT INDUSTRIEL, 1919

PÊCHERIES

Préface

Ce rapport est publié en vertu d'une entente établissant la coopération en matière de statistique, intervenue entre le Bureau Fédéral de la Statistique et les différents services gouvernementaux ayant judiriction sur les pêcheries canadiennes. Ces services comprennent: la Direction des Pêcheries du ministère de la Marine et des Pêcheries, qui exerce sa juridiction sur les pêcheries maritimes, ainsi que sur les pêcheries fluviales et lacustres du Manitoba, de la Saskatchewan et de l'Alberta; et les Divisions des Pêcheries des provinces d'Ontario et de Québec, qui régissent les pêcheries en eau douce de leurs provinces respectives. Les pêcheries intérieures des provinces maritimes n'ont que fort peu d'importance au point de vue commercial; leurs statistiques sont colligées par le personnel de la Direction des Pêcheries du Dominion. Il en est de même pour celles de la Colombie Britannique. Cette dernière province possède une Division des Pêcheries, mais cet organisme ne s'occupe pas de statistique pour son propre compte.

En vertu de l'arrangement dont il est parlé plus haut, les statistiques du poisson pêché et des produits offerts en vente à l'état frais ou après une préparation sommaire, sont recueillies par les fonctionnaires locaux des services des pêcheries, vérifiées et condensées au ministère de la Marine et des Pêcheries, puis compilées au Bureau Fédéral de la Statistique. En ce qui concerne le poisson industriellement préparé et ses sous-produits, des formules similaires à celles en usage dans le recensement des autres branches de production sont envoyées directement par ce Bureau aux poissonneries, établissements de salaisons, de conserve de poisson, etc., les fonctionnaires des services des pêcheries s'assurant que ces formules sont consciencieusement remplies et promptement retournées. Les fonctionnaires des gouvernements provinciaux voudront bien accepter nos remerciements pour le concours qu'ils nous ont prêté.

R. H. COATS,
Statisticien du Dominion.

Bureau Fédéral de la Statistique,
Ottawa, 22 novembre, 1920.

Notice sur les pêcheries canadiennes

On peut dire sans exagération que le Canada possède les pêcheries les plus vastes du monde et que l'abondance, l'excellence et la variété de leurs produits ne sont pas surpassées. La richesse des eaux canadiennes est démontrée par le fait que la totalité du saumon, du homard, du hareng, du maquereau et de la sardine, la plus grande partie de l'églefin et une portion considérable de la morue, de la merluche et du merlan que l'on y prend, sont pêchés dans une zone qui ne s'étend pas à plus de dix ou douze milles du rivage.

Les rives des provinces de l'Atlantique, depuis Grand Manan jusqu'au Labrador, mesurent plus de 5,000 milles, à l'exclusion des anses et échancrures qui les dentellent, tandis que les étendues maritimes qu'elles embrassent comprennent: la Baie de Fundy, avec ses 8,000 milles carrés; l'estuaire du St-Laurent, au moins dix fois plus grand, et d'autres eaux océaniques représentant ensemble plus de 200,000 milles carrés, c'est-à-dire plus des quatre-cinquièmes des pêcheries du nord de l'Atlantique. De plus, l'on compte 15,000 milles carrés d'eaux intérieures, sous le contrôle absolu du Dominion.

Mais ces vastes étendues ne représentent qu'une partie des eaux canadiennes. La Baie d'Hudson, dont les côtes s'étendent sur une longueur de 6,000 milles, est plus grande que la Méditerranée. Sur le Pacifique, le littoral canadien mesure plus de 7,000 milles; ses baies et ses fjords innombrables offrent aux pêcheurs une multitude d'abris très sûrs. Enfin, disséminés sur tout le territoire, s'égrène une série de lacs, couvrant ensemble une superficie de 220,000 milles carrés, soit plus de la moitié des eaux douces du globe; dans cette étendue, la part du Canada dans les grands lacs du bassin du St-Laurent, figure pour 72,700 milles carrés.

L'abondance et l'excellence du poisson sont un facteur de tout premier ordre. Pendant longtemps, la morue et le saumon se sont disputé le premier rang mais, dans les dernières années, le homard tant par son volume que par sa cherté, a quelquefois relégué la morue au troisième rang.

On peut considérer la pêche dans l'Atlantique sous deux aspects distincts; la pêche hauturière (ou de haute mer) et la pêche côtière. La pêche hauturière est pratiquée par des navires de 40 à 100 tonneaux, montés par des équipages de douze à vingt hommes, qui pêchent à la ligne, et aussi par des chalutiers à vapeur d'environ 150 pieds de longueur. Comme boëtte, on emploie principalement le hareng, l'encornet et le capelan et l'on prend de la morue, de l'églefin, de la merluche, du merlan et du flétan. Quant à la pêche côtière, elle se fait au moyen de petites embarcations, généralement automotrices, que montent deux ou trois hommes et dans de petites barques, ayant de quatre à sept hommes d'équipage. Ces pêcheurs en bateau font usage de rets à mailles, de chaluts et de lignes à main, tandis que ceux qui pêchent sur le rivage se servent de pièges ou casiers, de seines et de nasses. Les poissons comestibles que l'on prend sur la côte sont: la morue, la merluche, l'églefin, le merlan, le flétan, le hareng, le maquereau, le gasparot, l'alose, l'éperlan, le carrelet et la sardine.

Les plus importantes pêcheries de homard de l'univers se trouvent tout le long du littoral oriental du Canada, cependant que d'excellents bancs d'huîtres existent en maintes parties de l'estuaire du St-Laurent, notamment à proximité de l'île du Prince-Edouard.

La pêche du saumon prédomine sur le littoral du Pacifique, quoique de grands navires, bien équipés, se livrent à une fructueuse pêche du flétan, dans les eaux septentrionales de la Colombie Britannique, la méthode usitée étant la ligne de fond, que l'on tend et que l'on relève au moyen de doris, tout comme cela se pratique dans les pêcheries en eau profonde de l'Atlantique. Le hareng est très abondant sur la côte du Pacifique et fournit une inépuisable provision de boëtte pour la pêche du flétan. Dans les lacs intérieurs, on pêche à l'aide de rets à mailles, d'éperviers, de seines et de lignes ordinaires.

LES PÊCHERIES EN 1919

INTRODUCTION

Les tableaux d'ensemble du présent rapport sont présentés en trois groupes, savoir: I, production de 1919; II, moyen de production en 1919 (1), dans les opérations de pêche proprement dites; et (2) dans les établissements industriels de préparation et de mise en boîte du poisson); le IIIe groupe est réservé aux importations et exportations, aux primes, etc., et en relate les fluctuations au cours d'une certaine période d'années. Les tableaux introductifs résument brièvement les principales données statistiques.

Résumé de la production

La valeur totale du poisson de mer et du poisson d'eau douce, ainsi que des sous-produits mis sur le marché pendant l'année 1919 atteignit $56,508,479, au lieu de $60,250,544 en 1918. Pendant la même année, la valeur au point de débarquement du poisson des pêcheries maritimes et des pêcheries intérieures s'est élevée à $37,760,083.

Pêcheries maritimes.—En ce qui concerne le poisson de mer, sa valeur au point de débarquement est fixée à $33,445,131 pour l'année 1919, contre $32,478,584 l'année précédente, soit une augmentation de valeur au bénéfice des pêcheurs de près de un million de dollars. On constate une augmentation de la prise du saumon, de la morue, du homard, du flétan, de l'èglefin, du maquereau et du merlan; au contraire, il y a une diminution quant aux hareng, éperlan, sardine, merluche et lingue. La valeur moyenne au point de débarquement de presque toutes les espèces de poissons a très peu varié en 1919 sur les prix de 1918. Dans les différentes provinces, on signale dans la Nouvelle-Ecosse et l'île du Prince-Edouard une augmentation tant du poisson pêché que du poisson vendu; en Colombie Britannique la valeur du poisson pêché s'est accrue en même temps que celle du poisson mis sur le marché diminuait; au Nouveau-Brunswick et dans Québec il y eut une diminution tant au point de vue du poisson pêché que du poisson vendu.

Pêcheries intérieures.—La statistique des opérations de pêche en 1919 dans Ontario et les provinces des prairies ainsi que dans les eaux intérieures du Nouveau-Brunswick et de Québec établit pour la première fois une distinction entre la valeur du poisson «pêché» et celle du poisson «mis sur le marché». Antérieurement, la valeur des pêcheries était uniquement représentée par le prix du poisson «mis sur le marché». En 1919 la valeur du poisson d'eau douce au point de débarquement s'est élevée à $4,314,952; la valeur du même poisson mis sur le marché fut de $5,517,664 au lieu de $6,019,005 en 1918. Il y eut une augmentation de la valeur du poisson vendu comparativement à l'an dernier, dans Ontario, la Saskatchewan, l'Alberta et Québec (pêcheries intérieures); par contre, le Manitoba, le Yukon et le Nouveau-Brunswick (pêcheries intérieures) présentent des diminutions. Le tableau I qui suit indique le volume de la prise et la valeur commerciale des principales espèces de poisson, de 1915 à 1919.

(*) La valeur du poisson mis sur le marché, lorsqu'il s'agit de poisson destiné à être consommé à l'état frais, signifie la somme reçue par l'expéditeur: quant au poisson en boîte, séché, fumé ou autrement préparé et aux produits du poisson cette valeur est la somme perçue par l'industriel dans l'établissement duquel cette préparation s'est accomplie.

1. Quantité [1] et valeur [2] des principaux poissons, 1915-1919

Espèces de poisson		1915	1916	1917	1918	1919	Augmentation ou diminution en 1919 sur 1918 (Augm. +, Dimin. −)
Saumon	qtx	1,410,769	1,239,668	1,642,770	1,531,773	1,688,653	+ 156,880
	$	11,262,381	10,882,431	17,411,029	17,869,517	17,889,913	+ 20,396
Morue	qtx	2,152,756	2,026,231	2,302,987	2,206,666	2,606,770	+ 400,104
	$	4,489,496	5,449,964	8,281,920	10,083,562	9,987,612	− 95,950
Homard	qtx	445,277	480,898	474,871	264,096	345,806	+ 81,710
	$	4,506,155	5,508,054	5,654,265	3,531,104	5,338,343	+ 1,807,239
Flétan	qtx	226,151	142,823	140,024	207,139	243,449	+ 36,310
	$	2,261,776	2,263,573	2,066,635	5,490,226	5,119,842	− 370,384
Hareng	qtx	1,894,774	1,751,314	1,481,708	1,973,669	1,573,986	− 399,683
	$	2,906,887	3,050,421	3,693,688	4,719,561	3,347,080	− 1,372,481
Eglefin	qtx	582,522	582,028	712,416	554,366	564,574	+ 10,208
	$	1,232,022	1,711,271	2,936,719	2,796,171	2,048,746	− 747,425
Maquereau	qtx	180,990	156,075	167,067	196,781	229,877	+ 33,096
	$	990,329	924,746	1,333,354	1,937,211	2,035,849	+ 98,638
Poisson blanc	qtx	153,529	164,992	178,838	205,044	197,403	− 7,641
	$	1,048,641	1,135,486	1,248,006	1,927,863	1,849,741	− 78,122
Truite	qtx	115,999	88,071	75,662	86,608	68,670	− 17,938
	$	870,209	741,610	699,950	808,770	862,966	+ 54,196
Eperlan	qtx	67,607	68,629	73,153	87,555	75,271	− 12,284
	$	632,733	847,357	1,027,555	971,206	835,195	− 136,011
Sardine	qtx	336,794	315,832	274,359	295,770	214,525	− 81,245
	$	1,229,096	1,481,261	1,910,705	2,320,513	830,074	− 1,490,439
Merluche et lingue	qtx	379,959	385,953	321,605	245,051	244,749	− 302
	$	520,051	757,456	890,265	844,565	645,570	− 198,995
Merlan	qtx	138,801	143,306	189,908	164,502	227,963	+ 63,461
	$	193,788	268,756	486,195	574,832	602,264	+ 27,432
Doré	qtx	55,722	105,428	86,425	70,088	61,727	− 8,361
	$	901,183	871,719	650,632	649,180	582,744	− 66,436
Sprat	qtx	−	−	1,363	72,723	65,624	− 7,099
	$	−	−	11,810	413,853	371,871	− 41,982
Brochet	qtx	69,229	73,993	79,383	60,100	58,163	− 1,937
	$	347,355	404,453	429,396	403,514	327,675	− 75,839
Tullipi	qtx	55,787	58,537	64,910	74,411	49,457	− 24,954
	$	165,569	301,060	333,686	324,022	268,999	− 55,023
Perche	qtx	19,218	22,773	24,707	27,886	18,547	− 9,339
	$	98,119	114,656	126,723	150,608	185,257	+ 34,649
Clovisses et mactres	brl.	73,713	54,942	55,655	40,554	36,446	− 4,098
	$	240,611	195,805	222,965	169,799	160,125	− 9,674
Huîtres	brl.	21,386	18,361	13,632	13,916	14,565	+ 649
	$	147,628	147,751	109,265	123,570	153,276	+ 29,706
Gasparot	qtx	97,032	80,020	98,277	78,616	70,577	− 8,039
	$	120,126	117,083	196,482	237,994	129,807	− 108,187
Cabillaurd (morue noire)	qtx	1	1	1	29,966	10,527	− 19,439
	$	−	−	−	285,034	116,580	− 168,454

[1] Poisson pris et amené à terre.
[2] Poisson mis en vente.
[3] Compris avec morue.

La saison de pêche en 1919

Sur le littoral de l'Atlantique les conditions atmosphériques ont été tout à fait propices aux opérations de pêche pendant la première moitié de l'année, si l'on en excepte un violent orage survenu dans la dernière semaine de mai, qui détruisit une grande quantité d'agrès. Pendant le second semestre, il y eut des périodes de mauvais temps en juillet, septembre et octobre. Une très forte bourrasque qui souffla au commencement de novembre causa de sérieux dégâts tant aux bateaux qu'aux agrès de pêche; enfin, en décembre, une tempête prolongée nuisit considérablement à la pêche dans les embarcations.

Sur le littoral du Pacifique le temps fut plutôt favorable pendant le premier semestre, sauf le mois d'avril. Pendant les trois premiers mois du second semestre le temps fut généralement beau, mais la température du dernier trimestre devint défavorable.

Nonobstant cette température anormalement mauvaise, la pêche, dans son ensemble, a donné des résultats satisfaisants. En Nouvelle-Ecosse, la pêche de la morue fut bonne et meilleure encore celle du homard; la pêche du maquereau fut également abondante et ses prix furent élevés. Par contre, la pêche du hareng ne fut pas poursuivie avec son habituelle activité, en raison du prix minime et de la faible demande de ce poisson; le volume de la prise fut par conséquent considérablement réduit. Dans la partie de la baie de Fundy qui appartient au Nouveau-Brunswick la pêche de la morue, de la merluche et du merlan fut plus fructueuse que celle de l'année précédente, le gasparot et le homard ont été aussi assez abondants et leur prix rémunérateur. La sardine n'avait jamais été aussi abondante, cependant, au point de vue financier, la saison fut désastreuse, parce qu'une portion considérable de la pêche de 1918 n'avait pas encore été vendue lorsque s'ouvrit la saison de 1919; par suite, la plupart des sardineries des Etats-Unis, auxquelles est vendue la masse de notre sardine fraîche, restèrent fermées jusqu'au milieu de la saison.

Dans le golfe, c'est-à-dire sur le littoral septentrional du Nouveau-Brunswick, la pêche à la morue, contrariée par les nombreuses tempêtes, ne fut pas aussi heureuse que de coutume; mais la pêche du homard dépassa celle de l'année précédente. Dans l'île du Prince-Edouard, on constate également une augmentation dans la prise du homard, mais la pêche à la morue laissait à désirer.

Les pêcheries maritimes de la province de Québec n'ont pas donné un résultat tout à fait égal à celui de l'année passée. La morue a été rare sur la côte de la Gaspésie; elle ne se décida à faire son apparition que vers la fin de la saison. Le homard s'est maintenu au niveau de la saison précédente. Le hareng de printemps fut aussi nombreux que de coutume sur les bancs des îles de la Madeleine; la prise fut suffisante pour satisfaire tous les besoins, soit pour le fumage soit pour la boëtte.

Au point de vue pécuniaire les pêcheries de l'Ontario diffèrent peu des résultats de l'année précédente. Le poisson blanc et le brochet ont légèrement augmenté, tandis que le doré présentait un accroissement considérable; d'autre part, la truite a quelque peu diminué et le hareng a présenté une décroissance très sensible.

Dans les lacs du Manitoba la pêche de la saison d'hiver fut à peu près égale à celle de l'hiver passé mais la pêche de la saison d'été fut mauvaise, tant à cause de la baisse des prix que des basses eaux dans la rivière Saskatchewan et ses tributaires.

Dans l'ensemble le volume du poisson pris dans les lacs de la Saskatchewan fut plutôt inférieur, certains lacs donnant un surcroît et d'autres un déficit; ces changements sont uniquement dus au nombre plus ou moins grand des pêcheries.

Il a été extrait des lacs de l'Alberta une grande quantité de poisson, les opérations de pêche ayant pris une plus grande extension; cela est dû aux améliorations des facilités de transport, qui ont permis de se livrer à la pêche dans des lacs jusqu'ici délaissés.

Dans la Colombie Britannique la pêche au saumon fut inférieure à celle de 1918; cette diminution est due surtout à la grande réduction subie dans la préparation du saumon bécard (on l'appelle aussi saumon du Pacifique), dont la demande a fortement baissé depuis la fin de la guerre.

Le hareng a été très abondant dans le voisinage du havre de Nanaïmo et du détroit de Barkley; il en a été pris de grandes quantités pour le fumage, l'emboîtage et pour la boëtte.

A Prince-Rupert, où se trouve la flotille de pêche au flétan, cette pêche a donné d'excellents résultats, les pêcheurs canadiens et ceux des Etats-Unis ont fait des opérations plus fructueuses que l'année dernière.

Poisson pêché et poisson vendu

On verra dans le tableau suivant le volume et la valeur de la prise, ainsi que la quantité et l'importance des ventes de poisson et de produits du poisson.

2. Quantité et valeur de tout le poisson pêché et mis en vente, au Canada, durant l'année 1919

Espèces		Pêcheries maritimes	
		Quantité	Valeur
			$
Morue, prise	qtx	**2,606,770**	**8,388,243**
Mise en vente:			
Fraîche	qtx	166,530	862,746
En saumure	qtx	278,091	1,711,431
Filets fumés	qtx	13,145	179,229
Fumée	qtx	3,374	55,048
Séchée	qtx	605,135	6,811,315
Désossé	qtx	29,009	353,548
En boîte	caisses	1,690	13,520
Huile de foie, médicinale	gallon	500	775
Total, valeur marchande			9,987,612
Eglefin, pris	qtx	564,574	1,363,147
Mis en vente:			
Frais	qtx	130,211	537,889
En boîte	caisses	34,055	298,449
Désossé	qtx	139	2,085
Fumé	qtx	39,849	375,905
En saumure	qtx	65,444	303,233
Séché	qtx	56,673	531,185
Total, valeur marchande			2,048,746
Merluche et lingue, pris	qtx	244,759	454,666
Mis en vente:			
Frais	qtx	21,508	68,933
En saumure	qtx	69,401	302,172
Filets fumés	qtx	3,503	49,188
Séchés	qtx	22,511	195,108
Désossés	qtx	2,631	30,169
Total, valeur marchande			645,570
Merlan, pris	qtx	**227,963**	**428,469**
Mis en vente:			
Frais	qtx	16,494	55,808
En saumure	qtx	44,689	207,520
En boîte	caisses	160	1,280
Filets fumés	qtx	15	97
Séché	qtx	40,726	336,775
Désossé	qtx	65	784
Total, valeur marchande			602,264
Colin, pris	qtx	50	205
Mis en vente frais	qtx	53	284
Langues et noues, marinées ou séchées		**1,073**	**10 469**

2. Quantité et valeur de tout le poisson pêché et mis en vente, au Canada, durant l'année 1919—*suite*

Espèces		Pêcheries maritimes	
		Quantité	Valeur
			$
Flétan, pris	qtx	**243,449**	**3,057,632**
Mis en vente:			
Frais	qtx	240,728	5,114,416
Salé	qtx	15	120
Fumé	qtx	505	5,306
Total, valeur marchande			5,119,842
Carrelet, barbue, plie, etc., pris	qtx	**27,963**	**84,188**
Mis en vente frais	qtx	28,815	142,547
Raie, prise	qtx	**2,419**	**4,651**
Mise en vente fraîche	qtx	2,928	8,620
Sole, prise		**14,320**	**76,703**
Mise en vente fraîche		14,377	91,407
Hareng, pris	qtx	**1,455,583**	**1,512,431**
Mis en vente:			
Frais	qtx	63,765	189,323
Désossé	qtx	2,230	39,651
Mis en boîte	caisses	73,639	399,963
Fumé	qtx	95,912	536,704
Salé à sec	qtx	262,225	504,972
Mariné	brl.	66,701	517,348
Utilisé comme boëtte	brl.	231,286	418,136
Utilisé comme engrais	brl.	24,120	24,912
Total, valeur marchande			2,631,009
Maquereau, pris	qtx	**229,877**	**1,471,224**
Mis en vente:			
Frais	qtx	106,867	987,146
En boîte	caisses	1,743	12,504
Salé	brl.	42,897	1,036,199
Total, valeur marchande			2,035,849
Sprat, pris	qtx	**65,624**	**81,321**
Mis en vente:			
Frais	qtx	76	406
En boîte	caisses	63,065	370,841
Salé	brl.	78	624
Total, valeur marchande			371,871
Sardine, prise	brl.	**214,525**	**276,715**
Mise en vente:			
En boîte	caisses	119,225	593,811
Fraîche et salée	brl.	187,237	236,263
Total, valeur marchande			830,074
Perche, prise	qtx	**2,064**	**15,850**
Mise en vente fraîche	qtx	2,243	19,808
Gasparot, pris	qtx	**68,597**	**122,045**
Mis en vente:			
Frais	qtx	12,681	33,960
Salé	brl.	17,749	170,060
Fumé	qtx	2,069	19,418
Total, valeur marchande			223,438
Bar, pris	qtx	833	9,499
Mis en vente frais	qtx	823	13,450
Saumon, pris	qtx	**1,687,827**	**10,891,385**
Mis en vente:			
Frais	qtx	460,413	3,824,158
En boîte	caisses	1,394,215	13,842,140
Fumé	qtx	7,167	62,475
Salé à sec	qtx	8,235	34,720
Préparé au lait	qtx	5,882	95,559
Mariné	qtx	842	8,468
Oeufs	qtx	512	5,120
Total, valeur marchande			17,872,640

2. Quantité et valeur de tout le poisson pêché et mis en vente, au Canada, durant l'année 1919—*suite*

Espèces		Pêcheries maritimes	
		Quantité	Valeur
			$
Alose, prise	qtx	**1,048**	**4,930**
Mise en vente:			
Fraîche	qtx	917	9,046
Salée	qtx	44	685
Total, valeur marchande			9,731
Eperlan, pris	qtx	**75,241**	**616,207**
Mis en vente frais	qtx	75,653	834,835
Esturgeon, pris	qtx	**277**	**3,803**
Mis en vente	qtx	277	6,034
Truite, prise	qtx	**1,315**	**17,198**
Mise en vente fraîche	qtx	1,315	18,613
Cabillaud, pris	qtx	**10,527**	**56,644**
Mis en vente:			
Frais	qtx	7,792	67,249
Fumé	qtx	3,573	49,331
Total, valeur marchande			116,580
Morue, rouge etc., prise	qtx	**6,639**	**23,402**
Mise en vente:			
Fraîche	qtx	5,592	37,368
Fumée	qtx	205	2,045
Total, valeur marchande			39,413
Bonite, prise	qtx	**7,462**	**33,937**
Mise en vente:			
Fraîche	qtx	7,396	41,485
En boîte	caisses	100	900
Total, valeur marchande			42,385
Capelan, pris	brl.	**24,195**	**82,230**
Mis en vente frais	brl.	24,195	82,930
Anguille, prise	qtx	**2,758**	**18,383**
Mise en vente fraîche	qtx	2,768	23,473
Roussette ou chien de mer, pris[1]	qtx	**50,948**	**17,850**
Mis en vente séché	qtx	9	45
Poulpe, prise	qtx	**484**	**2,325**
Mise en vente fraîche	qtx	484	6,760
Oulachon, pris	qtx	**181**	**1,070**
Mis en vente frais	qtx	139	2,045
Encornet, pris	brl.	**11,023**	**27,670**
Mis en vente frais	qtx	11,023	31,028
Espadon, pris	qtx	**7,411**	**96,017**
Mis en vente frais	qtx	6,013	97,945
Tacaud (petite morue), prise	qtx	**11,542**	**17,856**
Mise en vente fraîche	qtx	11,542	34,790
Poissons divers (à l'exclusion de toutes les espèces ci-dessus énumérées	qtx	**1,722**	**2,467**
Mis en vente frais	qtx	1,722	2,845
Clovisses et mactres, prises	brl.	**36,446**	**79,426**
Mises en vente:			
Fraîches	brl.	22,745	74,381
En boîte	caisses	14,599	85,744
Total, valeur marchande			160,125
Bucardes, prises	qtx	**105**	**315**
Mises en vente fraîches	qtx	28	70
Crabes, pris	qtx	**6,428**	**30,304**
Mis en vente frais	qtx	6,446	55,102

[1] La presque totalité de ce poisson sert à la fabrication d'huile de poisson et d'engrais.

2. Quantité et valeur de tout le poisson pêché et mis en vente au Canada, durant l'année 1919—*suite*

Espèces		Pêcheries intérieures	
		Quantité	Valeur
			$
Homard, pris	qtx	**345,806**	**3,307,013**
Mis en vente:			
Vivant	qtx	85,340	1,224,882
En boîte	caisses	128,759	4,095,934
Foie de	caisses	1,305	17,527
Total, valeur marchande			5,338,343
Moules, prises	qtx	**281**	**197**
Mises en vente fraîches	qtx	281	281
Huîtres, prises	brl.	**14,565**	**136,196**
Mises en vente fraîches	brl.	14,565	153,276
Pétoncles, pris	brl.	**13,696**	**71,259**
Mis en vente:			
Écaillés	gall.	25,319	75,463
En boîte	caisses	129	1,548
Total, valeur marchande			77,011
Crevettes, prises	qtx	**816**	**9,384**
Mises en vente fraîches	qtx	767	17,528
Bigorneaux (ou littorines), pris	qtx	**2,094**	**2,347**
Mis en vente frais	qtx	2,094	5,552
Phoques à fourrures, pris	nomb.	**70**	**999**
Peaux vendues	nomb.	70	1,294
Phoques communs, pris	nomb.	**6,159**	**26,386**
Peaux vendues	nomb.	6,159	18,618
Huile	gall.	18,754	18,110
Total, valeur marchande			36,728
Baleines, prises	nomb.	**432**	**511,942**
Fanons	tonnes	344	10,320
Engrais	tonnes	1,200	108,000
Huile	gall.	609,969	530,548
Total, valeur marchande			648,868
Marsouins, pris	nomb.	**184**	**9,000**
Peaux mises en vente	nomb.	184	3,680
Huile	gall.	7,360	7,360
Total, valeur marchande			11,040
Huile de poisson	gall.	475,047	422,372
Colle de poisson	gall.	360	1,230
Entrailles de poisson	tonnes	8,944	8,722
Os de branchies	qtx	2,523	4,628
Peaux de poisson	qtx	5,129	10,862
Engrais		4,597	32,831
Valeur totale des pêcheries maritimes—			
Valeur des prises			33,445,131
Valeur marchande			50,990,815
Gasparot	qtx	**1,980**	**6,480**
Mis en vente:			
Frais	qtx	555	2,775
Salé	brl.	475	4,987
Total, valeur marchande			7,762
Achigan, pris	qtx	**27**	**384**
Mis en vente frais	qtx	27	410
Carpe, prise	qtx	**12,397**	**52,679**
Mise en vente fraîche	qtx	12,397	54,236
Barbotte, prise	qtx	**6,360**	**52,255**
Mise en vente fraîche	qtx	6,360	52,568

2. Quantité et valeur de tout le poisson pêché et mis en vente, au Canada, durant l'année 1919—*fin*

Espèces		Pêcheries Intérieures	
		Quantité	Valeur
			$
Anguille, prise	qtx	**9,562**	**93,524**
Mise en vente fraîche	qtx	9,562	114,505
Œils-d'or, pris	qtx	**3,284**	**13,429**
Mise en vente:			
Frais	qtx	527	2,388
Fumé	qtx	919	15,618
Total, valeur marchande			18,006
Hareng, pris	qtx	**118,403**	**600,632**
Mis en vente:			
Frais	qtx	109,811	678,846
Salé	brl.	5,727	37,225
Total, valeur marchande			716,071
Maskinongé, pris	qtx	**4**	**56**
Mis en vente frais	qtx	4	65
Poissons divers (gade, chabot, ouananiche, etc.), pris	qtx	**39,435**	**176,343**
Mis en vente frais	qtx	39,435	183,057
Marsouin, pris	nomb.	**104**	**4,170**
Mis en vente frais	qtx	104	6,240
Mulet, pris	qtx	**26,833**	**51,646**
Mis en vente frais	qtx	26,833	59,884
Perche, (perchaude) prise	qtx	**16,483**	**133,427**
Mise en vente fraîche	qtx	16,483	165,449
Doré, pris	qtx	**61,727**	**490,359**
Mis en vente frais	qtx	61,727	582,744
Brochet, pris	qtx	**58,163**	**266,699**
Mis en vente frais	qtx	58,163	327,675
Saumon, pris	qtx	**826**	**16,985**
Mis en vente frais	qtx	826	17,273
Alose, prise	qtx	**1,026**	**11,911**
Mise en vente fraîche	qtx	1,206	15,104
Doré, bleu, pris	qtx	**23,917**	**43,502**
Mis en vente frais	qtx	23,917	167,419
Eperlan, pris	qtx	**30**	**300**
Mis en vente frais	qtx	30	360
Esturgeon, pris	qtx	**3,813**	**51,048**
Mis en vente frais	qtx	3,813	58,657
Vessies	nomb.	**4**	**2**
Caviar	liv.	**7,084**	**7,084**
Total, valeur marchande			65,743
Truite, prise	Qtx	**67,355**	**652,555**
Mise en vente:			
Fraîche	qtx	63,836	813,868
Salée	br.	2,345	30,485
Total, valeur marchande			844,353
Tullipi, pris	qtx	**49,457**	**242,008**
Mis en vente frais	qtx	49,457	268,999
Ablette (poisson blanc), prise	qtx	**197,403**	**1,354,560**
Mise en vente:			
Fraîche	qtx	196,953	1,845,854
Salée	qtx	299	3,887
Total, valeur marchande			1,849,741
Valeur totale des pêcheries intérieures			**4,314,952**
Mise en vente			5,517,664
Valeur totale de toutes les pêcheries			**37,760,083**
Mise en vente			56,508,479

Moyens de production—Capital, main-d'œuvre, etc.

CAPITAL

On a divisé le capital de l'industrie poissonnière en deux catégories, (1) celui qui est affecté aux opérations de pêche proprement dites, et (2) celui qui est consacré à la manipulation industrielle du poisson. La première catégorie comprend la valeur des embarcations et des agrès; dans la seconde figurent les terrains et bâtiments, les machineries et l'outillage, les produits et les provisions en stock, ainsi que les fonds de roulement. En 1919 l'industrie poissonnière du Canada absorbait un capital total de $54,694,026 au lieu de $60,221,863 en 1918, se décomposant ainsi: opérations de pêche en haute mer $27,306,212 contre $26,083,473 en 1918; pêcheries intérieures $4,186,940 contre $3,804,261 en 1918. Les établissements industriels nécessitaient un capital de $23,200,874 contre $30,334,129 en 1918, soit une diminution de plus de sept millions de dollars. Cette réduction est principalement attribuable à une décroissance de la valeur des terrains et bâtiments dans la Colombie Britannique et de la machinerie et des provisions en stock dans Québec. En 1919 il existait 928 usines ou manufactures se livrant à la préparation industrielle du poisson, toutes situées dans les provinces du littoral maritime, à l'exception de deux qui se trouvent au Manitoba. Le tableau qui suit contient une comparaison du capital en l'année 1919, par rapport aux deux années précédentes.

3. Capitaux engagés en 1917, 1918 et 1919—Opérations de pêche proprement dites

—	Pêcheries maritimes					
	1917		1918		1919	
	Nombre	Valeur	Nombre	Valeur	Nombre	Valeur
		$		$		$
Chalutiers à vapeur	–	–	2	140,000	10	1,075,000
Bateaux de pêche à vapeur	44	1,010,943	39	1,049,293	27	551,000
Voiliers et embarcations à gazoline	1,358	4,143,118	1,230	4,721,200	1,191	5,243,795
Chaloupes (à rames et à voiles)	22,780	1,011,979	19,059	1,039,972	16,874	925,754
Chaloupes (à gazoline)	13,933	4,257,521	13,990	4,963,197	15,361	5,430,046
Semaques	522	327,785	841	473,080	529	575,975
Doris, pêche au flétan	69	6,900	[1]	–	[1]	–
Rets à mailles, seines, pièges et trappes, filets à éperlan	162,271	3,891,023	149,680	4,388,587	144,605	4,306,899
Nasses	734	745,765	792	1,154,820	808	1,008,140
Cablières à flétan	6,828	86,440	6,600	136,700	5,485	118,450
Chaluts	22,517	353,633	27,357	440,393	21,577	448,807
Lignes à main	72,681	84,790	76,351	118,590	76,761	134,431
Pièges à crabes	1,140	5,700	3,510	17,550	4,000	24,000
Pièges à saumon	2	10,000	–	–	–	–
Etablissements d'ostréiculture et aménagement	1	15,450	1	20,500	1	20,500
Casiers à homard	1,497,179	1,871,701	1,243,415	1,527,699	1,203,571	1,744,261
Voitures-réservoirs à homards	–	–	40	2,000	–	–
Dévidoirs à filet et flotteurs	–	–	77	7,200	–	–
Sonnettes à pilotis	451	33,350	12	6 000	–	–
Appareils à décharger les bateaux de pêche	–	–	60	12,000	–	–
Jetées et quais de pêche	2,808	2,357,484	2,581	2,071,407	2,773	2,031,570
Congélateurs et glacières	873	3,021,980	807	2,440,260	827	2,354,635
Postes de baleiniers	4	170,855	[2]	–	[2]	–
Etablissements à crabes	2	1,200	–	–	–	–
Etablissements de salaison	3	12,000	[3]	–	[3]	–
Petites poissonneries	9,492	[4]215,552	8,767	1,353,025	8,082	1,312,948
Valeur totale		**23,680,169**		**26,083,473**		**27,306,212**

[1]Compris avec les semaques en 1918 et 1919.
[2]Considérés comme manufactures en 1918 et 1919.
[3]Compris avec les petites poissonneries en 1918 et 1919.
[4]Valeur approximative.

3. Capitaux engagés en 1917, 1918 et 1919—Opérations de pêche proprement dites—*fin*

—	Pêcheries intérieures					
	1917		1918		1919	
	Nombre	Valeur	Nombre	Valeur	Nombre	Valeur
		$		$		$
Bateaux à vapeur ou remorqueurs	131	742,100	146	880,395	145	898,365
Chaloupes (à voiles et à rames)	4,564	130,841	4,020	156,677	2,675	171,212
Chaloupes (à gazoline)	890	363,223	916	426,712	995	484,107
Rets à mailles	–	1,456,474	–	1,082,700	–	1,119,721
Seines	–	–	613	31,649	542	35,362
Filets à enclos	–	–	1,359	625,914	1,205	780,245
Seines à cercle	–	–	1,287	48,366	2,582	70,018
Lignes	4,054	9,888	58,935	5,194	69,334	6,292
Nasses	305	44,385	976	55,737	396	47,080
Môles et quais	273	75,269	315	102,773	316	146,350
Congélateurs et glacières	2,019	272,756	846	362,176	715	402,624
Petites poissonneries	–	–	140	24,555	139	24,615
Pièges à anguilles	74	198	100	200	10	30
Pièges tournants	3	355	3	355	2	250
Harpons	247	766	269	858	199	669
Valeur totale	.....	**3,096,255**	.....	**3,804,261**	.....	**4,186,940**

Etablissements de préparation et de mise en boite du poisson

—	Capitaux engagés[1]					
	1917		1918		1919	
	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur
		$		$		$
Homarderies	610	3,016,018	534	2,977,188	520	2,031,409
Sardineries	2		3	1,288,486	1	
Etablissements de conserves de mollusques	12	697,512	14	152,275	13	1,131,228
Saumoneries	89		81	15,619,857	76	13,961,100
Fabriques d'huile de baleine	1	11,966,424	5	1,118,040	10	1,475,121
Etablissements où le poisson est autrement préparé	268	4,686,747	302	9,178,283	308	4,602,016
Total	**982**	**20,366,701**	**939**	**30,334,129**	**928**	**23,200,874**
Total des capitaux engagés dans l'industrie poissonnière	.....	**47,143,125**	.....	**60,221,863**	.....	**54,694,036**

[1]Y compris la valeur des terrains, bâtiments et installations, machineries et outillage, matières premières en stock, combustible, caisse, factures à recouvrer et billets à recevoir.

Main-d'œuvre

En 1919 l'industrie poissonnière faisait travailler 86,160 personnes au lieu de 87,070 en 1918. Le personnel occupé aux opérations des pêcheries maritimes est passé de 58,807 en 1918 à 58,885 en 1919; quant à celui des pêcheries intérieures, qui était au nombre de 9,709 en 1918, il est descendu à 8,919 en 1919. Les ouvriers et employés des établissements industriels qui se dénombraient par 18,554 en 1918 n'étaient plus que 18,356 en 1919. Le tableau suivant contient une statistique de la main-d'œuvre pour les années 1917, 1918 et 1919.

4. Personnel de l'industrie poissonnière en 1917, 1918 et 1919

Opérations de pêche proprement dites	Pêcheries maritimes		
	1917	1918	1919
	nombre	nombre	nombre
Hommes employés:			
A bord des chalutiers à vapeur	–	34	200
A bord des navires	7,431	7,690	7,821
A bord des chaloupes	53,491	49,698	49,994
A bord des semaques	760	1,385	870
Dans les congélateurs et glacières	4,347	[1]	[1]
Total	**66,029**	**58,807**	**58,885**

Opérations de pêche proprement dites	Pêcheries intérieures		
	1917	1918	1919
	nombre	nombre	nombre
Hommes employés:			
A bord des navires	755	944	887
A bord des chaloupes	9,209	7,027	5,416
Dans les congélateurs et glacières	403	[1]	[1]
Pêcheurs sans embarcations	744	1,738	2,616
Total	**11,111**	**9,709**	**8,919**

[1]Pour 1918 et 1919, ce personnel figure sous d'autres classifications, telles que "à bord des navires", "à bord des chaloupes", etc.

Industrie de la préparation du poisson	1917			1918			1919		
	Hommes	Femmes	Total	Hommes	Femmes	Total	Hommes	Femmes	Total
Personnes employées dans les:									
Homarderies	4,685	3,529	8,214	3,483	3,133	6,616	3,730	3,516	7,246
Sardineries				182	343	525			
Etablissements de préparation des mollusques	248	205	453	110	144	254	339	384	723
Saumoneries				5,251	2,644	7,895	4,582	2,415	6,997
Huileries (baleines et autres poissons)	5,395	1,596	6,991	211	1	212	377	8	385
Etablissements de fumage, salaison, etc.	2,079	245	2,324	2,658	394	3,052	2,527	478	3,005
Total	**12,407**	**5,575**	**17,982**	**11,895**	**6,659**	**18,554**	**11,555**	**6,801**	**18,356**
Total, personnel de l'industrie poissonnière			**95,122**			**87,070**			**86,160**

Autres données concernant les opérations des établissements industriels

Sur les 928 établissements en activité pendant l'année 1919, 475 étaient exploités par des propriétaires individuels, 194 par des sociétés en nom collectif, 252 par des compagnies en commandite et 7 par des sociétés coopératives. La classification de ces établissements par rapport à la main-d'œuvre qu'ils emploient démontre que 209 d'entre eux font travailler une moyenne de cinq personnes et plus, tandis que les 675 autres emploient moins de cinq personnes. Quarante-quatre petits établissements se sont dispensés de toute main-d'œuvre en 1919, leurs propriétaires suffisant au travail.

Employés, ouvriers, appointements et salaires.—Les employés et ouvriers des établissements industriels, en l'année 1919, s'élevaient à 18,356 personnes, dont les gains ont atteint $4,257,811. Parmi ce nombre, 679 étaient des employés recevant des traitements ou appointements, 12,883 étaient des ouvriers ou journaliers et 4,794 travaillaient à l'entreprise ou aux pièces. En Colombie Britannique, la majorité des ouvriers des fabriques de conserve de poisson sont placés sous un régime spécial, l'entrepreneur engageant et payant direc-

tement sa main-d'œuvre et étant lui-même payé par le fabricant selon la quantité de poisson mis en boîte par son équipe. En ce qui concerne ces derniers et les ouvriers aux pièces, on ne possède d'autre information que leur nombre et le chiffre total de leur rémunération. Les traitements et appointements des employés se sont totalisés par $694,315, les salaires des ouvriers et journaliers par $2,749,210 et les salaires des tâcherons et des ouvriers aux pièces par $814,286. On trouvera dans le tableau 5 le nombre et les gains des différentes personnes employées sous ces trois classifications en 1917, 1918 et 1919.

5. Personnel des établissements de préparation et de mise en boîte du poisson, en 1917, 1918 et 1919—Appointements et salaires

Année	Etablissements	Employés recevant des appointements		Ouvriers et journaliers		Ouvriers à l'entreprise ou aux pièces	
		Nombre	Appointements	Nombre	Salaires	Nombre	Salaires
			$		$		$
1917	982	636	668,987	12,494	2,808,277	4,852	739,766
1918	939	615	699,681	12,558	2,866,761	5,381	1,073,149
1919	928	679	694,315	12,883	2,749,210	4,794	814,286

Personnel occupé par mois.—Le tableau qui suit est un relevé du nombre du personnel des manufactures pendant chaque mois de l'année1919, avec les chiffres comparatifs de 1917 et 1918.

6. Personnel des établissements de préparation et de mise en boîte du poisson[1]—Nombre sur la liste de paie le 15 de chaque mois, en 1917, 1918 et 1919

Mois	1917			1918			1919		
	Hommes	Femmes	Total	Hommes	Femmes	Total	Hommes	Femmes	Total
	nombre	nombre	nombre	nombre	nombre	nombre	nombre	nombre	nombre
Janvier	1,607	338	1,945	1,640	258	1,898	1,109	253	1,362
Février	1,494	212	1,706	1,535	219	1,754	999	185	1,184
Mars	1,972	286	2,258	1,920	257	2,177	1,292	238	1,530
Avril	4,473	1,282	5,755	3,377	648	4,025	3,377	812	4,189
Mai	7,283	4,482	11,765	6,875	3,332	10,207	6,544	3,656	10,200
Juin	8,489	4,511	13,000	7,426	3,394	10,820	6,892	3,430	10,322
Juillet	6,465	2,315	8,780	5,703	1,769	7,472	4,778	1,231	6,009
Août	5,812	1,877	7,689	5,108	1,084	6,192	4,434	857	5,291
Septembre	3,936	1,486	5,422	4,671	879	5,550	4,371	981	5,352
Octobre	3,903	699	4,602	4,009	765	4,774	3,700	834	4,534
Novembre	2,814	417	3,231	3,279	694	3,973	2,408	478	2,886
Décembre	2,073	282	2,355	1,992	306	2,298	1,477	248	1,725

[1]A l'exclusion des ouvriers à l'entreprise ou aux pièces.

Salaire quotidien.—Le tableau 7 classifie les ouvriers et journaliers des manufactures, selon leur salaire quotidien. Il n'y a pas de comparaison possible avec les années précédentes, car en 1917 et 1918 on avait relevé le salaire hebdomadaire. Ce changement a été jugé utile parceque les petits établissements emploient fréquemment des ouvriers pendant une durée inférieure à une semaine, circonstance qui est de nature à fausser les statistiques. On trouvera dans le tableau suivant le nombre des ouvriers des deux sexes, groupés selon leur rémunération.

7. Personnel[1] des établissements de préparation et mise en boite du poisson, en 1919, selon leur salaire quotidien

Salaire quotidien	Employés		
	Hommes	Femmes	Total
	nombre	nombre	nombre
Moins de $1 par jour	241	1,325	1,566
$1 mais moins de $2	2,182	2,572	4,754
$2 mais moins de $3	3,221	547	3,768
$3 mais moins de $4	1,667	70	1,737
$4 mais moins de $5	703	19	722
$5 et plus	336	–	336
Total	**8,350**	**4,533**	**12,883**

[1]A l'exclusion des ouvriers à l'entreprise ou aux pièces.

Durée des opérations et heures de travail.—Il résulte de la classification opérée au point de vue de la durée des opérations que 352 établissements sont restés ouverts pendant moins de 60 jours; que 279 ont travaillé entre 60 et 120 jours; 164 entre 120 et 180 jours; 68 entre 180 et 240 jours; enfin 65 ont poursuivi leurs opérations pendant 240 jours et plus. Quant à la durée du travail par jour, on constate que dans 131 établissements elle fut inférieure à huit heures, dans 121 elle fut de huit heures, dans 144 de neuf heures, dans 524 de dix heures et dans huit elle dépassa dix heures.

Combustible

Pendant l'année, tous ces établissements ont consommé une quantité de combustible valant $484,260 au lieu de $557,710 en 1918. Les principales diminutions atteignaient la houille bitumineuse tombée de $349,109 en 1918 à $240,407 en 1919 et la gazoline descendue de $119,837 en 1918 à $105,872 en 1919. Il a été consommé 25,868 tonnes de houille bitumineuse en 1919 au lieu de 44,387 tonnes en 1918 et 299,359 gallons de gazoline au lieu de 392,604 gallons en 1918. La consommation d'anthracite de 1919 a dépassé celle de 1918; au contraire, celle de lignite a été moindre.

Force motrice employée

En 1919 les moteurs à gazoline ont fourni la majeure partie de la force motrice; il y en avait 641, qui donnèrent 3,369 chevaux-vapeur; on constate donc une augmentation sur 1918 du nombre de ces moteurs; mais une diminution de la force motrice utilisée, car les 540 moteurs fonctionnant en 1918 avaient produit 3,425 chevaux-vapeur. Les machines à vapeur au nombre de 163, ont produit 2,954 chevaux-vapeur en 1919, au lieu de 203 machines et 4,454 chevaux-vapeur en 1918; enfin 57 moteurs électriques ont fourni 726 chevaux-vapeur en 1919; en 1918 les mêmes moteurs, au nombre de 121, avaient produit 1,357 chevaux-vapeur.

Frais généraux

Le total des frais généraux s'est élevé à $2,266,806 en 1919 au lieu de $2,297,304 en 1918. Ces dépenses comprennent le loyer de bureaux, d'usines et d'outillage, l'achat de force motrice, l'assurance, les taxes, les droits régaliens et l'usage de brevets, les dépenses de publicité et de voyage et les réparations aux bâtiments et à la machinerie.

Valeur des matières premières

Le poisson acheté en 1919, soit pour être préparé, soit pour être revendu à l'état frais, avait une valeur de $14,345,461; le sel, les matières diverses et les récipients utilisés valaient $4,984,505, ce qui porte la valeur totale des matières premières utilisées dans les établissements industriels à $19,329,966. En 1918 la valeur du poisson était de $16,648,265, celle du sel, des autres matières et des récipients, de $4,911,160.

Produits

Valeur.—On évalue à $32,172,753 les produits sortis des établissements de préparation et de mise en boîte du poisson en 1919. Dans ce total le poisson en boîte, séché, fumé, ou autrement préparé entre pour $27,505,712 et le poisson vendu frais pour $4,667,041. Voici la contribution collective des diverses espèces de poisson à la production de 1919; saumon en boîte, $16,371,897; poisson fumé, séché, etc., $7,988,656; homard en boîte $5,800,317; sardine, clovisse, etc., en boîte, $1,303,831; huile de baleine et huile de poisson, $708,052. Les chiffres comparatifs des années 1918 et 1919 sont indiqués dans le tableau suivant.

8. Valeur des produits sortis des établissements de préparation et de mise en boîte du poisson, en 1918 et 1919

—	1918			1919		
	Etablissements	Poisson vendu frais	Poisson en boîte ou autrement préparé	Etablissements	Poisson vendu frais	Poisson en boîte ou autrement préparé
	nomb.	$	$	nomb.	$	$
Homarderies	534	642,820	3,510,640	520	495,636	5,304,681
Sardineries	3	–	1,240,488	1		
Etablissements de conserve de mollusques	14	34,973	207,635	13	182,519	1,121,312
Saumoneries	81	148,715	15,315,299	76	1,620,866	14,751 031
Huileries (baleines et autres poissons)	5	–	1,003,759	10	–	708,052
Etablissements où le poisson est autrement préparé	302	4,748,496	7,154,803	308	2,368,020	5,620,636
Totaux	**939**	**5,575,004**	**28,432,624**	**928**	**4,667,041**	**27,505,712**

Classification des établissements par importance de leur production.—Le groupement des industries, selon leur importance, nous montre que la production de 360 établissements était inférieure à $5,000, que la production de 159 établissements valait entre $5,000 et $10,000; celle de 168, de $10,000 à $20,000; celle de 109 de $20,000 à $50,000 et celle de 132 atteignait ou dépassait $50,000. Dans ce dernier groupe on trouve 71 saumoneries, 38 établissements de séchage et salaison, 18 homarderies, 3 huileries (de baleine et de poisson), et 2 sardineries. Dans un certain nombre des établissements de mise en boîte du poisson, on se livre aux opérations de séchage et salaison du poisson, soit avant l'ouverture, soit après la clôture de la saison de la mise en boîte; parmi ces établissements se trouvent 10 saumoneries, 107 homarderies et 7 établissements à mollusques et crustacés.

Répartition par provinces

Les cinq tableaux qui suivent (9–13) sont consacrés à la production poissonnière dans les provinces; on y trouve: la valeur totale des pêcheries; la quantité de poisson pris et de poisson vendu, pour les espèces principales; la quantité et la valeur de tout le poisson pris et vendu; la quantité du poisson de mer pêché en haute mer et enfin la valeur du matériel de pêche.

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9. Valeur des pêcheries, par provinces, de 1915 à 1919, par ordre de leur importance, en 1919

	Valeur des pêcheries					Augm. ou dimin. en 1919 sur 1918. (Augm. +, Dimin. −)	
	1915	1916	1917	1918	1919		
	$	$	$	$	$		$
Colombie Britannique	14,538,320	14,637,346	21,518,595	27,282,223	25,301,607	−	1,980,616
Nouvelle-Ecosse	9,166,851	10,092,902	14,468,319	15,143,066	15,171,929	+	28,863
Nouveau-Brunswick	4,737,145	5,656,859	6,143,088	6,298,990	4,979,574	−	1,319,416
Québec	2,076,851	2,991,624	3,414,378	4,568,773	4,258,731	−	310,042
Ontario	3,341,182	2,658,993	2,866,419	3,175,111	3,410,750	+	235,639
Ile du Prince-Edouard	933,682	1,344,179	1,786,310	1,148,201	1,536,844	+	388,643
Manitoba	742,925	1,390,002	1,543,288	1,830,435	1,031,117	−	799,318
Saskatchewan	165,888	231,946	320,238	447,012	475,797	+	28,785
Alberta	94,134	144,317	184,009	318,913	333,330	+	14,417
Territoire du Yukon	63,730	60,210	67,400	37,820	8,800	−	29,020
	35,860,708	**39,208,378**	**52,312,044**	**60,250,544**	**56,508,479**	**−**	**3,742,065**

10. Quantité des principaux poissons dont on fait commerce, et leur valeur par provinces, 1915-1919

ILE DU PRINCE-EDOUARD

Espèces		1915	1916	1917	1918	1919	Augm. ou Augm. ou Dimin. en 191 sur 1918. (Augm. + : (Augm. + Dimin. +)	
Homard	qtx	84,894	111,289	124,103	49,307	64,936	+	15,629
	$	627,090	967,610	1,241,456	576,154	1,070,211	+	494,057
Morue	qtx	57,208	58,793	70,830	48,717	39,616	−	9,101
	$	117,640	146,419	260,754	202,398	150,534	−	51,864
Maquereau	qtx	5,640	8,457	3,767	11,822	11,788	−	34
	$	35,611	43,362	22,555	99,080	76,290	−	22,790
Hareng	qtx	20,360	15,928	21,886	23,707	30,110	+	6,403
	$	24,342	20,146	37,865	35,833	67,431	+	31,598
Eperlan	qtx	4,412	5,744	6,401	6,459	8,599	+	2,140
	$	24,467	40,208	53,984	42,296	61,165	+	18,869
Merluche et lingue	qtx	21,282	26,235	20,671	25,697	20,473	−	5,224
	$	35,373	50,817	62,803	98,475	58,583	−	39,892
Huître	brl.	6,206	6,431	3,038	3,375	3,392	+	17
	$	42,055	46,946	22,207	29,444	32,112	+	2,668

NOUVELLE-ECOSSE

Morue	qtx	1,076,284	992,794	1,227,360	1,127,438	1,598,843	+	471,405
	$	2,339,541	2,642,846	4,553,534	5,712,071	6,089,265	+	37,194
Homard	qtx	264,644	241,400	219,273	148,871	192,545	+	43,674
	$	2,975,675	3,210,520	3,071,171	2,221,931	2,976,477	+	754,546
Eglefin	qtx	554,046	546,729	689,667	527,060	555,433	+	28,373
	$	1,158,642	1,617,879	2,866,220	2,679,405	2,005,515	−	673,890
Maquereau	qtx	113,516	77,317	125,725	142,754	162,907	+	20,153
	$	632,331	483,000	973,324	1,420,927	1,432,760	+	11,833
Hareng	qtx	467,699	309,805	339,876	334,674	246,577	−	88,097
	$	650,551	494,478	841,404	1,107,000	612,870	−	494,130
Flétan	qtx	30,518	18,832	24,877	19,361	31,885	+	12,524
	$	283,676	231,941	336,820	278,136	495,311	+	217,175
Merlan	qtx	100,636	96,011	124,448	114,194	149,402	+	35,208
	$	146,617	191,481	339,280	407,047	449,399	+	42,352
Merluche et lingue	qtx	218,840	243,491	220,452	151,239	112,951	−	38,288
	$	324,401	540,630	658,768	510,020	347,864	−	162,156

10. Quantité des principaux poissons dont on fait commerce, et leur valeur par provinces, 1915-1919—*suite*

NOUVELLE-ECOSSE—*fin*

Espèces		1915	1916	1917	1918	1919	Augm. ou dimin. en 1919 sur 1918. (Augm. + Dimin. −)
Eperlan	qtx	4,770	5,340	7,964	6,242	8,357	+ 2,115
	$	47,987	69,795	106,146	82,085	122,540	+ 40,455
Saumon	qtx	10,043	8,550	10,285	8,500	4,533	− 3,967
	$	158,405	150,561	198,947	178,047	104,996	− 73,051

NOUVEAU-BRUNSWICK

Homard	qtx	72,151	99,455	106,701	42,904	56,480	+ 13,576
	$	755,360	1,048,940	1,095,474	491,396	886,418	+ 395,022
Sardine	qtx	336,290	315,810	274,008	295,753	214,510	− 81,243
	$	1,226,236	1,481,085	1,908,900	2,320,428	829,894	− 1,490,534
Morue	qtx	250,913	200,560	158,995	169,564	161,005	− 8,559
	$	424,394	527,005	519,550	610,260	749,715	+ 139,455
Eperlan	qtx	52,961	55,025	55,703	69,937	54,963	− 14,974
	$	529,610	715,112	834,415	801,244	611,839	− 189,405
Hareng	qtx	682,190	539,339	188,144	247,317	277,193	+ 29,876
	$	577,828	728,086	406,514	544,006	517,108	− 27,398
Maquereau	qtx	19,748	11,407	19,355	15,926	22,392	+ 6,466
	$	196,076	134,398	228,417	208,119	267,606	+ 59,487
Merluche et lingue	qtx	139,237	115,727	78,959	65,428	110,145	+ 44,717
	$	159,577	165,309	165,127	226,116	235,768	+ 9,652
Gasparot	qtx	74,687	62,274	83,445	68,539	57,740	− 10,799
	$	85,110	90,796	165,841	215,092	195,352	− 19,740
Saumon	qtx	17,867	17,791	15,983	17,452	9,668	− 7,784
	$	268,005	268,744	242,950	342,911	181,316	− 161,595
Merlan	qtx	38,165	47,295	65,460	50,308	78,561	+ 28,253
	$	47,171	77,275	146,915	167,785	152,865	− 14,920
Huître	brl.	12,498	8,294	6,926	7,188	7,343	+ 155
	$	74,988	58,058	41,556	56,640	73,430	+ 16,790
Clovisses et mactres	qtx	37,982	13,780	27,912	17,955	19,248	+ 1,293
	$	101,770	88,606	102,036	73,249	65,563	− 7,686

QUÉBEC

Morue	qtx	732,481	710,713	758,270	816,675	759,982	− 56,693
	$	1,277,872	1,579,231	2,068,678	3,132,594	2,629,260	− 503,334
Homard	qtx	23,588	28,754	24,794	23,014	31,845	+ 8,831
	$	148,030	280,984	246,164	241,623	405,237	+ 163,614
Hareng	qtx	141,358	283,440	242,760	529,577	337,139	− 192,438
	$	85,553	271,352	222,342	287,606	345,534	+ 57,928
Maquereau	qtx	42,086	58,894	18,220	26,279	32,790	+ 6,511
	$	126,311	263,986	109,058	209,085	259,193	+ 50,108
Anguilles	qtx	7,346	8,741	6,288	6,355	7,842	+ 1,487
	$	58,620	49,716	51,782	40,354	93,318	+ 52,964
Capelan	brl.	2,187	22,784	27,769	20,515	24,195	+ 3,680
	$	1,827	22,784	41,449	29,955	82,930	+ 52,975
Saumon	qtx	11,795	15,302	13,532	11,139	5,807	− 5,332
	$	92,453	103,693	118,794	129,386	62,921	− 66,465
Eperlan	qtx	2,931	686	1,921	2,509	2,104	− 405
	$	9,945	3,802	18,740	19,506	24,969	+ 5,463

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10. Quantité des principaux poissons dont on fait commerce, et leur valeur par provinces, 1915-1919—*suite*

ONTARIO

Espèces		1915	1916	1917	1918	1919	Augm. ou dimin. en 1919 sur 1918. (Augm. +, Dimin. −)
Poisson blanc ou ablette	qtx	67,100	106,872	49,498	61,587	66,404	+ 4,817
	$	623,240	526,976	474,602	599,316	861,289	+ 261,973
Truite	qtx	106,503	60,711	62,829	79,075	62,917	− 16,158
	$	770,090	516,290	592,433	729,425	802,659	+ 73,234
Hareng	qtx	115,715	106,872	201,801	200,473	118,099	− 82,374
	$	561,905	526,976	992,909	1,002,359	694,267	− 308,092
Doré	qtx	26,718	45,418	25,216	17,203	19,220	+ 2,017
	$	267,180	454,187	252,232	172,034	259,470	+ 87,436
Doré (bleu)	qtx	48,823	–	5,647	8,133	23,917	+ 15,784
	$	488,230	–	56,547	81,326	167,419	+ 86,093
Perche	qtx	14,904	12,585	15,170	24,282	15,244	− 9,038
	$	74,520	62,926	75,853	121,410	152,440	+ 31,030
Brochet	qtx	25,844	14,836	15,574	13,868	19,948	+ 6,080
	$	206,752	118,690	124,590	110,945	139,636	+ 28,691

MANITOBA

Poisson blanc ou ablette	qtx	44,360	50,339	52,419	71,280	57,009	− 14,271
	$	256,992	350,543	390,321	703,733	349,811	− 353,922
Doré	qtx	23,134	45,298	49,728	39,506	35,802	− 3,704
	$	114,973	311,262	345,179	350,316	264,741	− 85,575
Tullipi	qtx	47,562	49,185	52,646	64,343	38,920	− 25,423
	$	119,826	245,925	263,230	263,856	186,260	− 77,596
Brochet	qtx	30,228	41,289	42,013	36,445	30,905	− 5,540
	$	90,099	204,749	208,846	237,757	137,114	− 100,643
Mulet	qtx	6,673	10,802	11,013	19,422	24,397	+ 14,975
	$	6,673	21,604	22,026	58,083	44,991	− 3,092
Œils-d'or	qtx	3,941	6,466	7,982	5,163	3,245	− 1,918
	$	7,882	31,610	39,084	29,052	17,570	− 11,482
Esturgeon	qtx	153	1,819	2,621	1,137	789	− 348
	$	918	20,506	51,080	26,116	10,462	− 15,654
Perche	qtx	573	8,603	8,599	810	992	+ 182
	$	2,865	43,015	42,995	7,029	10,172	+ 3,123

SASKATCHEWAN

Poisson blanc ou ablette	qtx	23,936	28,551	43,301	42,508	42,642	+ 134
	$	92,420	126,758	197,920	341,849	369,220	+ 27,371
Brochet	qtx	7,535	8,736	9,697	5,128	4,112	− 1,016
	$	29,541	41,732	45,916	32,214	30,817	− 1,397
Doré	qtx	3,140	4,662	5,831	2,922	3,038	+ 116
	$	15,351	24,883	28,314	22,407	26,877	+ 4,470
Mulet	qtx	2,218	2,799	3,696	2,510	1,821	− 689
	$	9,632	14,155	18,597	20,097	17,542	− 2,555
Truite	qtx	–	–	–	4,989	2,436	− 2,553
	$	–	–	–	21,405	14,893	6,512
Tullipi	qtx	1,247	813	1,124	1,301	1,455	+ 154
	$	5,029	4,725	5,699	7,804	13,572	+ 5,768

10. Quantité des principaux poissons dont on fait commerce, et leur valeur par provinces, 1915-1919—*fin*

ALBERTA

Espèces		1915	1916	1917	1918	1919	Augm. ou diminn. en 1919 sur 1918. (Augm. + Dimin. −)
Poisson blanc ou ablette	qtx	17,036	21,452	29,792	29,006	30,644	+ 1,638
	$	52,479	90,472	133,573	264,597	257,664	− 6,933
Tullipi	qtx	348	339	999	2,437	4,032	+ 1,595
	$	934	1,152	3,862	14,338	23,717	+ 9,379
Doré	qtx	1,546	3,076	5,239	1,632	2,872	+ 1,240
	$	4,381	11,584	19,996	13,764	20,217	+ 6,453
Truite	qtx	1,138	984	322	569	1,743	+ 1,174
	$	13,878	18,543	3,182	5,690	17,430	+ 11,740

COLOMBIE BRITANNIQUE

Saumon	qtx	1,369,394	1,196,432	1,601,520	1,493,502	1,668,353	+	174,851
	$	10,726,818	10,343,503	16,828,783	17,207,245	17,537,166	+	329,921
Flétan	qtx	194,896	123,062	113,529	186,229	210,777	+	24,548
	$	1,972,290	2,026,670	1,721,012	5,196,539	4,617,484	−	579,055
Hareng	qtx	467,452	496,030	487,241	636,921	567,868	−	69,053
	$	1,009,708	1,009,383	1,192,654	1,742,757	1,109,870	−	632,887
Sprat	qtx	−	−	1,363	72,723	65,624	−	7,099
	$	−	−	11,810	413,853	371,871	−	41,982
Morue	qtx	35,870	63,371	87,532	44,272	47,324	+	3,052
	$	300,049	554,463	879,404	426,239	368,838	−	57,401
Carrelet, barbue, plie, etc	qtx	1,009	1,862	7,821	15,163	23,878	+	8,715
	$	5,045	14,896	75,021	145,385	130,940	−	14,445
Cabillaud	qtx	[1]	[1]	[1]	29,966	10,527	−	19,439
	$	−	−	−	285,034	116,580	−	168,454
Sole	qtx	3,178	5,151	7,806	12,092	14,262	+	2,170
	$	25,983	56,752	78,649	92,471	90,848	−	1,623
Crabe	qtx	1,856	3,282	5,886	5,098	6,428	+	1,330
	$	12,331	32,002	48,424	54,660	55,102	+	442
Clovisses et mactres	brl.	10,648	8,538	11,998	10,626	7,542	−	3,084
	$	78,130	63,845	84,000	48,200	47,754	−	446
Morue rouge	qtx	[1]	[1]	[1]	6,183	6,639	+	456
	$	−	−	−	43,422	39,413	−	4,009
Huitre	brl.	1,090	1,562	1,789	1,449	2,379	+	930
	$	20,165	28,897	32,202	26,926	38,659	+	11,733

YUKON

Saumon	qtx	1,570	1,435	1,385	1,150	270	−	880
	$	15,700	14,350	20,775	11,500	3,250	−	8,250
Ablette ou poisson blanc	qtx	798	789	648	549	150	−	399
	$	19,950	19,725	19,440	16,670	1,800	−	14,870

[1]Compris avec la morue.

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11. Quantité et valeur de tout le poisson pêché et mis en vente durant l'année 1919, par provinces

Espèces	Pêcheries maritimes									
	Ile du Prince-Edouard		Nouvelle-Ecosse		Nouveau-Brunswick[1]		Québec		Colombie Britannique	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
		$		$		$		$		$
Morue, prise qtx	**39,616**	**99,039**	**1,598,843**	**5,307,414**	**161,005**	**672,022**	**759,982**	**2,021,765**	**47,324**	**288,003**
Mise en vente:—										
fraîche qtx	5,037	25,185	98,862	391,188	17,651	111,564	8,938	39,269	36,042	295,540
en saumure qtx	15,262	101,715	158,584	932,047	19,710	174,298	81,853	485,331	2,682	18,040
filets fumés qtx	–	–	13,145	179,229	–	–	–	–	–	–
fumée qtx	–	–	–	–	–	–	–	–	3,374	55,048
séchée qtx	1,766	17,687	351,442	4,239,230	35,435	449,738	216,492	2,104,660	–	–
en boite caisses	–	–	1,690	13,520	–	–	–	–	–	–
désossée qtx	332	5,947	27,702	333,276	960	14,115	–	–	15	210
huile de foie médicinale gal	–	–	500	775	–	–	–	–	–	–
Total, valeur marchande	–	150,534	–	6,089,265	–	749,715	–	2,629,260	–	368,838
Eglefin, pris qtx	**2,196**	**4,445**	**555,433**	**1,334,481**	**6,105**	**22,541**	**840**	**1,680**	–	–
Mis en vente:										
frais qtx	618	3,440	124,064	507,189	5,529	27,260	–	–	–	–
en boite caisses	–	–	34,055	298,449	–	–	–	–	–	–
fumé qtx	–	–	39,849	375,905	–	–	–	–	–	–
en saumure qtx	716	4,413	64,708	298,720	20	100	–	–	–	–
seché qtx	–	–	55,835	523,167	558	5,938	280	2,080	–	–
désossé qtx	–	–	139	2,085	–	–	–	–	–	–
Total, valeur marchande	–	7,853	–	2,005,515	–	33,298	–	2,080	–	–
Merluche et lingue, pris qtx	**20,473**	**40,946**	**112,951**	**193,781**	**110,1**	**45217,730**	**1,080**	**1,980**	**110**	**229**
Mis en vente:										
frais qtx	1,820	7,208	18,965	59,805	639	1,477	–	–	84	371
en saumure qtx	5,170	29,425	26,322	120,209	37,909	152,538	–	–	–	–
filets fumés qtx	–	–	3,445	47,914	45	1,170	–	–	13	104
séchés qtx	2,613	21,878	12,038	111,517	7,500	58,833	360	2,880	–	–
désossés qtx	–	–	890	8,419	1,741	21,750	–	–	–	–
Total, valeur marchande	–	58,583	–	347,864	–	235,768	–	2,880	–	475
Merlan, pris qtx	–	–	**149,102**	**268,557**	**78,561**	**159,912**	–	–	–	–
Mis en vente:										
frais qtx	–	–	10,390	43,323	6,104	12,485	–	–	–	–
en saumure qtx	–	–	29,664	132,026	15,025	75,494	–	–	–	–
en boîte caisses	–	–	160	1,280	–	–	–	–	–	–
séché qtx	–	–	31,593	271,889	9,133	64,886	–	–	–	–
filets fumés qtx	–	–	15	97	–	–	–	–	–	–
désossé qtx	–	–	65	784	–	–	–	–	–	–
Total, valeur marchande	–	–	–	449,399	–	152,865	–	–	–	–
Colin, pris qtx	–	–	–	–	–	–	–	–	50	205
Mis en vente frais qtx	–	–	–	–	–	–	–	–	53	284
Langues et noues, marinées ou séchées qtx	132	2,640	572	3,755	19	2,284	179	1,790	–	–
Flétan, pris qtx	–	–	**31,885**	**408,645**	**198**	**4,555**	**589**	**4,654**	**210,777**	**2,639,778**
Mis en vente:										
frais qtx	–	–	29,775	493,584	60	1,145	567	5,782	210,326	4,613,905
fumé qtx	–	–	308	1,727	–	–	–	–	197	3,579
salé qtx	–	–	–	–	–	–	15	120	–	–
Total, valeur marchande	–	–	–	495,311	–	1,145	–	5,902	–	4,617,484
Carrelet, barbue, plie, etc., pris qtx	–	–	**2,138**	**3,088**	**1,697**	**3,714**	**250**	**1,063**	**23,878**	**76,323**
Mis en vente frais qtx	–	–	2,350	6,125	1,446	4,419	250	1,063	24,769	130,940
Raie, prise qtx	–	–	**1,332**	**1,414**	**70**	**210**	–	–	**1,017**	**3,027**
Mise en vente fraîche qtx	–	–	1,343	1,962	900	3,532	–	–	685	3,126
Sole, prise qtx	–	–	**58**	**168**	–	–	–	–	**14,262**	**76,535**
Mise en vente fraîche qtx	–	–	58	224	83	335	–	–	14,236	90,848
Hareng, pris qtx	**30,110**	**60,220**	**246,577**	**306,825**	**277,193**	**235,620**	**333,835**	**214,106**	**567,868**	**695,660**
Mis en vente:										
frais qtx	1,067	3,191	25,890	66,960	8,532	24,290	1,277	2,584	26,999	92,298
désossé qtx	–	–	180	2,640	1,210	19,275	–	–	840	17,736
en boîte caisses	–	–	5,561	34,331	1,276	6,061	2,800	14,000	64,002	345,571
fumé qtx	–	–	11,774	88,187	63,048	293,636	11,111	73,374	9,979	81,507
salé à sec qtx	2,507	10,012	150	337	2,600	25,500	1,910	2,503	255,058	466,620
mariné brl	956	9,560	41 904	307,123	9,280	63,290	7,765	66,883	6,796	70,492
Utilisé comme boëtte qtx	11,172	44,668	32,804	113,292	41,017	67,336	129,193	157,194	17,100	35,646
Utilisé comme engrais qtx	–	–	–	–	17,220	17,720	6,900	7,192	–	–
Total, valeur marchande	–	67,431	–	612,870	–	517,108	–	323,730	–	1,109,870

[1] Voir aussi pêcheries intérieures.

11. Quantité et valeur de tout le poisson pêché et mis en vente durant l'année 1919, par provinces—*suite*

Espèces	Pêcheries maritimes									
	Ile du Prince-Edouard		Nouvelle-Ecosse		Nouveau-Brunswick[1]		Québec		Colombie Britannique	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
		$		$		$		$		$
Maquereau, pris qtx	**11,788**	**65,619**	**162,907**	**1,042,163**	**22,392**	**134,352**	**32,790**	**229,090**	–	–
Mis en vente:										
frais qtx	3,226	22,932	80,614	693,606	22,499	266,368	528	4,240	–	–
en boîte caisses	422	2,604	1,320	9,890	1	10	–	–	–	–
salé brl	2,899	50,754	29,027	729,264	66	1,228	10,905	254,953	–	–
Total, valeur marchande	–	76,290	–	1,432,760	–	267,606	–	259,193	–	–
Sprat, pris qtx	–	–	–	–	–	–	–	–	**65,624**	**81,321**
Mis en vente:										
frais qtx	–	–	–	–	–	–	–	–	76	406
en boîte caisses	–	–	–	–	–	–	–	–	73,065	370,841
salé brl	–	–	–	–	–	–	–	–	78	624
fumé qtx	–	–	–	–	–	–	–	–	–	–
Total, valeur marchande	–	–	–	–	–	–	–	–	–	371,871
Sardine, prise brl	–	–	–	–	**214,510**	**276,565**	**15**	**150**	–	–
Mise en vente:										
en boîte caisses	–	–	–	–	119,225	593,811	–	–	–	–
fraîche ou salée brl	–	–	–	–	187,722	236,083	15	180	–	–
Total, valeur marchande	–	–	–	–	–	829,894	–	180	–	–
Gasparot, pris qtx	**120**	**240**	**12,717**	**27,635**	**55,760**	**94,170**	–	–	–	–
Mis en vente:										
frais qtx	21	63	7,712	20,468	4,948	13,429	–	–	–	–
salé brl	33	231	1,172	10,954	16,544	158,875	–	–	–	–
fumé qtx	–	–	748	4,132	1,321	15,286	–	–	–	–
Total, valeur marchande	–	294	–	35,554	–	187,590	–	–	–	–
Perche, prise qtx	–	–	–	–	–	–	–	–	**2,244**	**15,850**
Mise en vente fraîche qtx	–	–	–	–	–	–	–	–	2,243	19,808
Bar, pris qtx	–	–	**39**	**511**	**731**	**8,772**	–	–	**63**	**216**
Mis en vente frais qtx	–	–	39	611	721	12,503	–	–	63	336
Saumon, pris qtx	**22**	**264**	**4,533**	**86,792**	**9,307**	**154,207**	**5,612**	**47,333**	**1,668,353**	**10,602,789**
Mis en vente:										
frais qtx	22	264	4,441	104,417	10,000	170,486	4,171	49,140	441,779	3,499,851
en boîte caisses	–	–	6	68	–	–	123	1,845	1,394,086	13,840,227
fumé qtx	–	–	20	511	–	–	–	–	7,147	61,964
salé à sec qtx	–	–	–	–	–	–	–	–	8,235	34,720
préparé au lait qtx	–	–	–	–	–	–	25	275	5,857	95,284
mariné qtx	–	–	–	–	–	–	842	8,468	–	–
oeufs qtx	–	–	–	–	–	–	–	–	512	5,120
Total, valeur marchande	–	264	–	104,996	–	170,486	–	59,728	–	17,537,166
Alose, prise qtx	–	–	**68**	**557**	**877**	**3,508**	**3**	**15**	**100**	**850**
Mise en vente:										
fraîche qtx	–	–	62	584	827	8,180	3	15	25	267
salée brl	–	–	2	30	17	255	–	–	25	400
Total, valeur marchande	–	–	–	614	–	8,435	–	15	–	667
Eperlan, pris qtx	**8,599**	**51,594**	**8,357**	**92,139**	**54,963**	**440,292**	**2,074**	**19,840**	**1,248**	**12,342**
Mis en vente frais qtx	8,599	61,165	8,356	122,540	55,429	611,839	2,074	24,609	1,195	14,682
Esturgeon, pris qtx	–	–	**3**	**21**	**20**	**100**	**32**	**256**	**222**	**3,426**
Mis en vente frais qtx	–	–	3	42	20	100	32	256	222	5,636
Truite, prise qtx	**17**	**170**	**769**	**11,245**	**316**	**3,817**	**213**	**1,966**	–	–
Mise en vente fraîche qtx	17	190	769	11,522	316	4,690	213	2,211	–	–
Cabillaud qtx	–	–	–	–	–	–	–	–	**10,527**	**56,644**
Mis en vente:										
frais qtx	–	–	–	–	–	–	–	–	7,792	67,249
fumé qtx	–	–	–	–	–	–	–	–	3,573	49,331
Total, valeur marchande	–	–	–	–	–	–	–	–	–	116,580
Morue rouge, etc, prise qtx	–	–	–	–	–	–	–	–	**6,619**	**23,402**
Mise en vente:										
fraîche qtx	–	–	–	–	–	–	–	–	5,952	37,368
fumée qtx	–	–	–	–	–	–	–	–	206	2,045
Total, valeur marchande	–	–	–	–	–	–	–	–	–	39,413
Bonite, prise qtx	–	–	**7,462**	**33,937**	–	–	–	–	–	–
Mise en vente:										
fraîche qtx	–	–	7,396	41,485	–	–	–	–	–	–
en boîte caisses	–	–	100	900	–	–	–	–	–	–
Total, valeur marchande	–	–	–	42,385	–	–	–	–	–	–

[1] Voir aussi pêcheries intérieures.

11. Quantité et valeur de tout le poisson pêché et mis en vente durant l'année 1919, par provinces—*suite*

Espèces	Pêcheries maritimes									
	Ile du Prince-Edouard		Nouvelle-Ecosse		Nouveau-Brunswick[1]		Québec		Colombie Britannique	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
		$		$		$		$		$
Capelan, pris brl	–	–	–	–	–	–	**24,195**	**82,230**	–	–
Mis en vente frais brl	–	–	–	–	–	–	24,195	82,930	–	–
Anguille, prise qtx	–	–	**811**	**6,333**	**1,731**	**10,696**	**171**	**1,230**	**45**	**124**
Mise en vente fraîche qtx	–	–	811	7,718	1,741	14,048	171	1,485	45	222
Roussette (chien de mer), pris[2] qtx	–	–	28	28	–	–	–	–	**50,920**	**17,822**
Mis en vente:										
séché qtx	–	–	9	45	–	–	–	–	–	–
Poulpe, prise qtx	–	–	–	–	–	–	–	–	484	**2,325**
Mise en vente qtx	–	–	–	–	–	–	–	–	484	6,760
Oulachon, pris qtx	–	–	–	–	–	–	–	–	**181**	**1,070**
Mis en vente frais qtx	–	–	–	–	–	–	–	–	139	2,045
Encornet, pris qtx	–	–	**3,244**	**10,617**	**290**	**1,160**	**7,489**	**15,863**	–	–
Mis en vente frais qtx	–	–	3,244	14,005	290	1,160	7,489	15,863	–	–
Espadon, pris qtx	–	–	**7,411**	**96,017**	–	–	–	–	–	–
Mis en vente frais qtx	–	–	6,013	97,945	–	–	–	–	–	–
Tacaud (petite morue), prise qtx	**176**	**352**	**147**	**259**	**11,138**	**16,919**	–	–	81	**326**
Mise en vente fraîché qtx	176	372	146	331	11,138	33,589	–	–	81	498
Poissons divers, pris (à l'exclusion de toutes les espèces ci-dessus mentionnées) qtx	–	–	**437**	**237**	**850**	**1,360**	**435**	**870**	–	–
		–		–		–				
Mis en vente frais qtx	–	–	437	275	850	1,700	435	870	–	–
Clovisses et mactres, prises brl	**550**	**947**	**6,241**	**14,833**	**19,248**	**31,916**	**2,865**	**15,517**	**7,542**	**16,213**
Mises en vente:										
fraîches qtx	330	600	4,382	15,404	14,496	34,236	2,865	17,467	672	6,674
en boîte caisses	220	1,288	1,947	12,049	5,577	31,327	–	–	6,855	41,080
Total, valeur marchande	–	1,888	–	27,453	–	65,563	–	17,467	–	47,754
Bucardes, prises qtx	–	–	–	–	**105**	**315**	–	–	–	–
Mises en vente fraîches qtx	–	–	–	–	28	70	–	–	–	–
Crabes, pris qtx	–	–	–	–	–	–	–	–	**6,428**	**30,304**
Mis en vente frais qtx	–	–	–	–	–	–	–	–	6,446	55,102
Homard, pris qtx	**64,936**	**519,488**	**192,545**	**208,037**	**56,480**	**413,382**	**31,845**	**294,106**	–	–
Mis en vente:										
vivant qtx	20	340	65,593	946,617	19,533	275,685	194	2,240	–	–
en boîte caisses	31,911	1,069,481	61,714	2,019,211	19,241	607,425	15,893	399,817	–	–
foie de caisses	20	390	858	10,649	182	3,308	245	3,180	–	–
Total, valeur marchande	–	1,070,211	–	2,976,477	–	886,418	–	405,237	–	–
Moules, prises qtx	–	–	**281**	**197**	–	–	–	–	–	–
Mises en vente fraîches qtx	–	–	281	281	–	–	–	–	–	–
Huîtres, prises qtx	**3,392**	**31,160**	**1,451**	**7,633**	**7,343**	**58,744**	–	–	**2,379**	**38,659**
Mises en vente fraîches brl	3,392	32,112	1,451	9,075	7,343	73,430	–	–	2,379	38,659
Petoncles, pris brl	–	–	**13,676**	**71,159**	**20**	**100**	–	–	–	–
Mis en vente:										
écaillés gal.	–	–	25,279	75,313	40	150	–	–	–	–
en boîte caisses	–	–	129	1,548	–	–	–	–	–	–
Total, valeur marchande	–	–	–	76,861	–	150	–	–	–	–
Crevettes, prises qtx	–	–	–	–	–	–	–	–	**816**	**9,384**
Mises en vente fraîches qtx	–	–	–	–	–	–	–	–	767	17,528
Bigorneaux (ou littorines), pris qtx	–	–	**2,074**	**2,302**	**20**	**45**	–	–	–	–
Mis en vente frais qtx	–	–	2,074	5,507	20	45	–	–	–	–
Phoques à fourrures, pris nomb.	–	–	–	–	–		–	–	**70**	**999**
Peaux qtx	–	–	–	–	–	–	–	–	70	1,294

[1] Voir aussi pêcheries intérieures.
[2] La presque totalité de ce poisson sert à la fabrication d'huile et d'engrais.

11. Quantité et valeur de tout le poisson pêché et mis en vente durant l'année 1919, par province—*suite.*

Espèces	Pêcheries maritimes									
	Ile du Prince-Edouard		Nouvelle-Ecosse		Nouveau-Brunswick		Québec		Colombie Britannique	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
		$		$		$		$		$
Phoques communs, pris, nomb	–	–	**1,393**	**2,661**	–	–	**4,766**	**23,722**	–	–
Mis en vente:										
peaux nomb.	–	–	1,393	2,691	–	–	4,766	15,927	–	–
huile gal.	–	–	4,539	4,430	–	–	14,215	13,680	–	–
Total, valeur marchande	–	–	–	7,121	–	–	–	29,607	–	–
Baleines, prises nomb.	–	–	–	–	–	–	–	–	**432**	**511,942**
Mises en vente:										
fanons tonnes	–	–	–	–	–	–	–	–	344	10,320
engrais tonnes	–	–	–	–	–	–	–	–	1,200	108,000
huile gal.	–	–	–	–	–	–	–	–	609,969	530,548
Total, valeur marchande	–	–	–	–	–	–	–	–	–	648,868
Marsouins, pris nomb.	–	–	–	–	–	–	**184**	**9,000**	–	–
Mis en vente										
peaux nomb.	–	–	–	–	–	–	184	3,680	–	–
huile gal.	–	–	–	–	–	–	7,360	7,360	–	–
Total, valeur marchande	–	–	–	–	–	–	–	11,040	–	–
Huile de poisson gal.	8,462	6,882	186,702	163,846	78,559	71,301	146,370	145,246	54,954	35,097
Colle de poisson gal.	–	–	360	1,230	–	–	–	–	–	–
Entrailles de poisson tonnes	–	–	8,474	7,942	170	330	–	–	300	450
Os de branchies qtx.	–	–	1,966	4,233	557	395	–	–	–	–
Peaux de poisson qtx.	103	135	2,977	8,270	949	1,208	1,100	1,249	–	–
Déchets et engrais tonnes	–	–	–	–	3,050	13,525	–	–	1,547	19,306
										–
Valeur totale des pêcheries maritimes:										
Valeur des prises	–	**874,484**	–	**11,411,719**	–	**2,966,724**	–	**2,986,436**	–	**15,205,768**
Valeur marchande	–	**1,536,844**	–	**15,171,989**	–	**4,956,544**	–	**4,032,891**	–	**25,056,265**

[1]Voir aussi pêcheries maritimes.

Espèces	Pêcheries intérieures.					
	Nouveau-Brunswick[1]		Québec[1]		Ontario[1]	
		$		$		$
Gasparot, pris qtx	1,980	6,480	–	–	–	–
Mis en vente:						
frais qtx	555	2,775	–	–	–	–
salé brl	475	4,987	–	–	–	–
Total, valeur marchande	–	7,762	–	–	–	–
Achigan, pris qtx	16	272	11	112	–	–
Mis en vente frais qtx	16	72	11	138	–	–
Carpe, prise qtx	–	–	877	6,599	11,520	46,080
Mise en vente fraîche qtx	–	–	877	8,156	11,520	46,080
Barbotte, prise qtx	–	–	374	3,887	5,549	44,392
Mise en vente fraîche qtx	–	–	374	4,200	5,549	44,392
Anguille, prise qtx	10	100	7,671	74,614	1,881	18,810
Mise en vente fraîche qtx	10	100	7,671	91,833	1,881	22,572
Hareng, pris qtx	–	–	3,304	10,137	118,099	590,495
Mis en vente:						
frais qtx	–	–	3,304	21,804	109,507	657,042
salé brl	–	–	–	–	5,727	37,225
Total, valeur marchande	–	–	–	21,804	–	694,267
Maskinongé, pris qtx	–	–	4	56	–	–
Mis en vente frais qtx	–	–	4	65	–	–
Poissons divers, pris qtx	85	127	4,290	36,186	33,578	134,312
Mis en vente frais qtx	85	127	4,290	42,900	33,578	134,312
Perche (perchaude), prise qtx	–	–	234	2,450	15,244	121,952
Mise en vente fraîche qtx	–	–	234	2,700	15,244	152,440
Doré, pris qtx	162	1,944	633	9,158	19,220	192,200
Mis en vente frais qtx	162	1,944	633	9,495	19,220	259,470
Doré (bleu), pris qtx	–	–	–	–	23,917	143,502
Mis en vente frais qtx	–	–	–	–	23,917	167,419
Brochet, pris qtx	–	–	450	5,379	19,948	99,740
Mis en vente frais qtx	–	–	450	5,870	19,948	139,636
Marsouin, pris nomb.	–	–	104	4,170	–	–
Mis en vente nomb	–	–	104	6,240	–	–

11. Quantité et valeur de tout le poisson pêché et mis en vente durant l'année 1919, par provinces—*fin*

	Pêcheries intérieures					
	Nouveau-Brunswick		Québec		Ontario	
		$		$		$
Saumon, pris....qtx	361	10,830	195	2,915	–	–
Mis en vente frais....qtx	361	10,830	195	3,193	–	–
Alose, prise....qtx	–	–	1,026	11,911	–	–
Mise en vente fraîche....qtx	–	–	1,026	15,104	–	–
Eperlan, pris....qtx	–	–	30	300	–	–
Mis en vente frais....qtx	–	–	30	360	–	–
Esturgeon, pris....qtx	70	1,470	646	11,542	2,247	26,964
Mis en vente:						
frais....qtx	70	1,470	646	12,288	2,247	33,705
vessies....nomb.	–	–	–	–	4	2
Caviar....liv.	25	25	2	2	7,057	7,057
Total, valeur marchande....	–	1,495	–	12,290	–	40,764
Truite, prise....qtx	–	–	69	716	62,917	629,170
Mise en vente:						
fraîche....qtx	–	–	69	1,035	59,398	772,174
salée....brl	–	–	–	–	2,345	30,485
Total, valeur marchande....	–	–	–	1,035	–	802,659
Tullipi, pris....qtx	–	–	–	–	5,500	30,300
Mis en vente frais....qtx	–	–	–	–	5,050	45,450
Ablette (poisson blanc) prise....qtx	25	500	529	8,157	66,404	664,040
Mise en vente:						
fraîche....qtx	25	500	529	9,457	65,954	857,402
salée....brl	–	–	–	–	299	3,887
Total, valeur marchande....	–	500	–	9,457	–	861,2
Valeur totale des pêcheries intérieures:						
Valeur des prises	–	**21,723**	–	**188,289**	–	**2,741,957**
Valeur marchande....	–	**23,030**	–	**234,849**	–	**3,410,750**

Espèces	Pêcheries intérieures							
	Manitoba		Saskatchewan		Alberta		Yukon	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
		$		$		$		$
Barbotte, prise....qtx	437	3,976	–	–	–	–	–	–
Mise en vente fraîche....qtx	437	3,976	–	–	–	–	–	–
Oeils-d'or, pris....	3,245	13,071	31	310	8	48	–	–
Mis en vente:								
frais....	488	1,952	31	372	8	64	–	–
fumé	919	15,618	–	–	–	–	–	–
Total, valeur marchande....	–	17,570	–	372	–	64	–	–
Poissons divers, pris....	83	333	1,249	1,635	–	–	150	3,750
Mis en vente frais....	83	333	1,249	1,635	–	–	150	3,750
Mulet, pris....	24,397	44,374	2,436	7,272	–	–	–	–
Mis en vente frais....	24,397	44,991	2,436	14,983	–	–	–	–
Perche (perchaude), prise....qtx	992	8,944	13	81	–	–	–	–
Mise en vente fraîche....qtx	992	10,172	13	137	–	–	–	–
Doré, pris....qtx	35,802	259,537	3,038	15,857	2,872	11,663	–	–
Mis en vente frais....qtx	35,802	264,741	3,038	26,877	2,872	20,217	–	–
Brochet, pris....qtx	30,905	136,189	4,112	16,330	2,748	9,061	–	–
Mis en vente frais....	30,905	137,114	4,112	30,817	2,748	14,238	–	–
Saumon, pris....qtx	–	–	–	–	–	–	570	3,240
Mis en vente frais....qtx	–	–	–	–	–	–	270	3,250
Esturgeon, frais....qtx	789	10,462	61	610	–	–	–	–
Mis en vente frais....qtx	789	10,462	61	732	–	–	–	–
Truite, prise....qtx	805	5,687	1,821	10,795	1,743	6,187	–	–
Mise en vente fraîche....qtx	805	5,687	1,821	17,542	1,734	17,430	–	–
Tullipi, pris....qtx	38,920	184,792	1,455	21,472	4,033	15,444	–	–
Mis en vente....qtx	38,920	186,260	1,455	13,572	4,032	23,717	–	–
Ablette (poisson blanc), pris....	57,009	344,531	42,642	206,904	30,644	128,628	150	1,800
Mise en vente fraîche....qtx	57,009	349,811	42,642	369,220	30,644	257,664	150	1,800
Valeur totale des pêcheries intérieures:								
Valeur des prises....	–	**1,011,896**	–	**271,266**	–	**171,031**	–	**8,790**
Valeur marchande....	–	**1,031,117**	–	**475,797**	–	**333,330**	–	**8,800**

12. Proportion du poisson de mer pris en haute mer (par les chalutiers à vapeur et autres navires pêchant sur les bancs ou restant en mer plus de deux jours)

		Morue		Eglefin		Merluche et lingue	
		Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer
		qtx	qtx	qtx	qtx	qtx	qtx
	Canada—Totaux	**2,606,770**	**1,112,110**	**564,574**	**191,273**	**244,759**	**41,745**
	Ile du Prince-Edouard, totaux	**39,616**	**1,700**	**2,196**	**–**	**20,473**	**–**
1	Kings	12,510	–	2,090	–	16,574	–
2	Queens	18,979	–	106	–	730	–
3	Prince	8,127	1,700	–	–	3,169	–
	Nouvelle-Ecosse, totaux	**1,598,843**	**970,306**	**555,433**	**189,670**	**112,951**	**28,488**
1	Richmond	57,232	26,000	31,953	250	115	25
2	Cap Breton	45,767	–	7,137	–	–	–
3	Victoria	96,720	–	87,176	–	100	–
4	Inverness	94,124	12,171	58,056	17,724	3,875	20
5	Cumberland	112	–	–	–	–	–
6	Colchester	455	–	–	–	–	–
7	Pictou	474	–	15	–	271	–
8	Antigonish	1,647	–	656	–	2,227	–
9	Guysboro	124,751	20,500	104,250	27,000	2,595	1,000
10	Halifax	80,937	4,672	58,997	21,600	5,360	450
11	Hants	–	–	–	–	–	–
12	Lunenburg	870,672	815,172	94,345	92,645	1,545	–
13	Queens	25,091	10,000	12,594	5,000	905	700
14	Shelburne	75,473	12,000	36,372	–	18,876	6,000
15	Yarmouth	73,211	66,204	20,980	18,578	14,422	14,422
16	Digby	43,897	3,587	35,405	6,873	56,283	5,691
17	Annapolis	6,281	–	7,347	–	6,197	–
18	Kings	1,999	–	150	–	180	–
	Nouveau-Brunswick, totaux	**161,605**	**122,337**	**6,105**	**1,603**	**110,145**	**13,257**
1	Charlotte	18,398	–	4,402	–	85,698	–
2	St. John	142	–	–	–	11,010	–
3	Albert	4	–	–	–	–	–
4	Westmorland	587	–	–	–	130	–
5	Kent	3,995	3,795	49	49	11,130	11,130
6	Northumberland	2,939	1,998	–	–	30	30
7	Gloucester	134,215	116,544	1,554	1,554	2,097	2,097
8	Restigouche	725	–	100	–	50	–
	Québec, totaux	**759,982**	**–**	**840**	**–**	**1,080**	**–**
1	Bonaventure	23,325	–	840	–	1,080	–
2	Gaspé	356,657	–	–	–	–	–
3	Iles de la Madeleine	67,813	–	–	–	–	–
4	Saguenay	284,447	–	–	–	–	–
5	Rimouski	27,740	–	–	–	–	–
	Colombie Britannique, totaux	**47,324**	**17,767**	**–**	**–**	**110**	**–**
1	District I	28,568	14,116	–	–	30	–
2	District II	3,651	3,651	–	–	–	–
3	District III	15,105	–	–	–	80	–

12. Proportion du poisson de mer pris en haute mer (par les chalutiers à vapeur et autres navires pêchant sur les bancs ou restant en mer plus de deux jours)—*suite*

Merlan		Colin		Flétan		Carrelet, barbue, plie, etc.		Raie		
Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	
qtx	qtx	qtx	qtx	qtx	qtx	qtx	qtx	qtx	qtx	
227,963	**32,107**	**50**	**4**	**243,449**	**222,591**	**27,963**	**23,557**	**2,419**	**689**	
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
149,402	**32,107**	**10**		**31,885**	**18,048**	**2,138**	**998**	**1,332**	**320**	
2,491	20	–	–	160	25	223	–	213	–	1
5,975	–	–	–	1,632	–	–	–	–	–	2
1,116	–	–	–	179	–	–	–	47	–	3
2,780	–	–	–	1,489	1,414	148	148	–	–	4
409	–	–	–	3	–	22	–	–	–	5
–	–	–	–	15	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
8,144	3,500	–	–	7,327	5,000	10	–	62	–	9
29,235	21,000	–	–	3,725	1,054	1,530	850	995	320	10
–	–	–	–	–	–	–	–	–	–	11
2,400	–	–	–	1,918	–	–	–	–	–	12
14,557	–	–	–	1,077	800	50	–	15	–	13
25,238	2,000	–	–	1,964	400	–	–	–	–	14
9,780	5,496	10	–	8,955	8,955	–	–	–	–	15
43,956	91	–	–	3,216	290	155	–	–	–	16
1,240	–	–	–	187	110	–	–	–	–	17
2,081	–	–	–	38	–	–	–	–	–	18
78,561	–	–	–	**198**	**6**	**1,697**	–	**70**	–	
78,561	–	–	–	162	–	320	–	70	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	260	–	–	–	4
–	–	–	–	6	6	320	–	–	–	5
–	–	–	–	–	–	197	–	–	–	6
–	–	–	–	30	–	–		–	–	7
–	–	–	–	–	–	600	–	–	–	8
–	–	–	–	**589**	–	**250**	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	70	–	250	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	315	–	–	–	–	–	4
–	–	–	–	204	–	–	–	–	–	5
–	–	**50**	**4**	**210,777**	**204,537**	**23,878**	**22,559**	**1,017**	**369**	
–	–	43	–	28,931	25,173	642	–	459	–	1
–	–	4	4	178,846	178,846	22,559	22,559	369	369	2
–	–	3	–	3,000	518	677	–	189	–	3

12. Proportion du poisson de mer pris en haute mer (par les chalutiers à vapeur et autres navires pêchant sur les bancs ou restant en mer plus de deux jours)—*fin*

		Sole		Hareng		Maquereau	
		Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer
		qtx	qtx	qtx	qtx	qtx	qtx
	Canada—Totaux	**14,320**	**2,894**	**1,455,583**	**12,915**	**229,877**	**19,603**
	Ile du Prince-Edouard, totaux	**–**	**–**	**30,110**	**–**	**11,788**	**–**
1	Kings	–	–	7,320	–	3,200	–
2	Queens	–	–	3,815	–	3,479	–
3	Prince	–	–	18,975	–	5,109	–
	Nouvelle-Ecosse, totaux	**58**	**37**	**246,577**	**944**	**162,907**	**3,603**
1	Richmond	–	–	8,008	–	10,944	–
2	Cap Breton	–	–	12,147	–	9,116	–
3	Victoria	–	–	8,093	–	3,943	–
4	Inverness	–	–	16,163	944	30,359	3,603
5	Cumberland	–	–	7,635	–	–	–
6	Colchester	–	–	97	–	–	–
7	Pictou	–	–	2,054	–	21	–
8	Antigonish	–	–	5,278	–	410	–
9	Guysboro	6	3	13,558	–	18,452	–
10	Halifax	52	34	77,397	–	40,996	..
11	Hants	–	–	–	–	–	–
12	Lunenburg	–	–	24,986	–	9,105	–
13	Queens	–	–	15,672	–	4,679	–
14	Shelburne	–	–	21,699	–	13,478	–
15	Yarmouth	–	–	12,076	–	14,217	–
16	Digby	–	–	13,396	–	3,564	–
17	Annapolis	–	–	5,374	–	1,824	–
18	Kings	–	–	2,944	–	1,799	–
	Nouveau-Brunswick, totaux	**–**	**–**	**277,193**	**11,971**	**22,392**	**16,000**
1	Charlotte	–	–	100,056	–	–	–
2	St. John	–	–	–	–	–	–
3	Albert	–	–	10	–	–	–
4	Westmorland	–	–	107,100	–	440	–
5	Kent	–	–	13,851	11,851	9,985	9,970
6	Northumberland	–	–	16,164	120	1,876	–
7	Gloucester	–	–	37,727	–	10,016	6,030
–	Restigouche	–	–	2,285	–	75	–
	Québec, totaux	**–**	**–**	**333,835**	**–**	**32,790**	**–**
1	Bonaventure	–	–	13,430	–	520	–
2	Gaspé	–	–	48,704	–	675	–
3	Iles de la Madeleine	–	–	265,570	–	31,542	–
4	Saguenay	–	–	3,083	–	53	–
5	Rimouski	–	–	3,048	–	–	–
	Colombie Britannique, totaux	**14,262**	**2,857**	**567,868**	**–**	**–**	**–**
1	District I	11,023	–	60,112	–	–	–
2	District II	2,857	2,857	23,161	–	–	–
3	District III	382	–	484,595	–	–	–

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12. Proportion du poisson de mer pris en haute mer (par les chalutiers à vapeur et autres navires pêchant sur les bancs ou restant en mer plus de deux jours)—*fin*

Baleine		Cabillaud		Morue rouge		Espadon		Phoque à fourrure		
Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	Pêche totale	Proportion prise en haute mer	
qtx	qtx	qtx	qtx	qtx	qtx	qtx	qtx	qtx	qtx	
432	**266**	**10,527**	**4,677**	**6,639**	**465**	**7,411**	**80**	**6,159**	**1,015**	
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	**7,411**	**80**	**1,393**	**1,015**	
–	–	–	–	–	–	981	–	261	–	1
–	–	–	–	–	–	2,607	–	1,015	1,015	2
–	–	–	–	–	–	174	–	27	–	3
–	–	–	–	–	–	141	–	–	–	4
–	–	–	–	–	–	–	–	90	–	5
–	–	–	–	–	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
–	–	–	–	–	–	3,186	–	–	–	9
–	–	–	–	–	–	132	–	–	–	10
–	–	–	–	–	–	–	–	–	–	11
–	–	–	–	–	–	–	–	–	–	12
–	–	–	–	–	–	110	–	–	–	13
–	–	–	–	–	–	65	65	–	–	14
–	–	–	–	–	–	15	15	–	–	15
–	–	–	–	–	–	–	–	–	–	16
–	–	–	–	–	–	–	–	–	–	17
–	–	–	–	–	–	–	–	–	–	18
–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	2
–	–	–	–	–	–	–	–	–	–	3
–	–	–	–	–	–	–	–	–	–	4
–	–	–	–	–	–	–	–	–	–	5
–	–	–	–	–	–	–	–	–	–	6
–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	8
–	–	–	–	–	–	–	–	**4,766**	–	
–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	15	–	2
–	–	–	–	–	–	–	–	1,964	–	3
–	–	–	–	–	–	–	–	2,733	–	4
–	–	–	–	–	–		–	54	–	5
432	**266**	**10,527**	**4,677**	**6,639**	**465**	–	–	–	–	
–	–	5,850	–	1,959	–	–	–	–	–	1
266	266	3,967	3,967	465	465	–	–	–	–	2
166	–	710	710	4,215	–	–	–	–	–	3

13. Capitaux engagés par provinces—Opérations de pêche proprement dites—*suite*

Opérations de pêche proprement dites	Ile du Prince-Edouard		Nouvelle-Ecosse	
	Nombre	Valeur	Nombre	Valeur
		$		$
Chalutiers à vapeur	–	–	7	885,000
Bateaux de pêche à vapeur	–	–	6	24,000
Voiliers et embarcations à gazoline de 40 tonnes et plus	–	–	137	2,548,400
Voiliers et embarcations à gazoline, 20–40 tonnes	5	5,500	69	183,220
Voiliers et embarcations à gazoline, 10–20 tonnes	8	7,000	318	249,425
Chaloupes à voiles et à rames	167	5,990	7,099	272,164
Chaloupes à gazoline	1,674	336,080	5,382	1,297,892
Semaques	11	2,550	204	114,615
Nets, seines, pièges, etc	6,000	157,500	68,068	968,988
Nasses	–	–	168	49,790
Chaluts	1,370	64,800	18,562	310,642
Filets à enclos	–	–	–	–
Seines à cercle	–	–	–	–
Lignes à main	1,940	2,910	32,734	34,480
Casiers à homard	287,501	431,251	631,773	889,202
Pièges à anguilles	–	–	–	–
Môles et quais	29	68,000	2,012	1,103,370
Congélateurs et glacières	7	14,500	385	716,375
Petites poissonneries	474	23,650	4,907	495,548
Valeur totale	–	**1,119,731**	–	**10,143,111**

Etablissements de préparation et de mise en boîte du poisson	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur
		$		$
Homarderies	183[1]	411,386[1]	134[2]	958,167
Sardineries	–	–	–	–
Etablissements de préparation des mollusques	–	–	–	375,089
Saumoneries	–	–	–	–
Huileries (baleines et autres poissons)	–	–	–	–
Etablissements de fumage, salaison, etc	12	144,424	124[3]	2,495,261[4]
Totaux	**195**	**525,810**	**264**	**3,828,517**
Total des capitaux	–	**1,645,541**	–	**13,971,628**

[1]Comprend un établissement de préparation des mollusques.
[2]Comprend une huilerie.
[3]Comprend une sardinerie.
[4]Comprend un établissement de préparation des mollusques et autres poissons.

13. Capitaux engagés par provinces—Opérations de pêche proprement dites—*suite*

Nouveau-Brunswick						Québec					
Pêcheries maritimes		Pêcheries intérieures		Total, pêcheries		Pêcheries maritimes		Pêcheries intérieures		Total, pêcheries	
Nombre	Valeur	Nombre	Valeur	Nombre	Valeur	Nombre	Valeur	Nombre	Valeur	Nombre	Valeur
	$		$		$		$		$		$
–	–	–	–	–	–	–	–	–	–	–	–
1	4,000	–	–	1	4,000	–	–	–	–	–	–
–	–	–	–	–	–	4	12,000	–	–	4	12,000
38	57,700	–	–	38	57,700	–	–	–	–	–	–
339	253,700	–	–	339	253,700	5	6,500	–	–	5	6,500
4,405	127,175	277	5,105	4,682	132,281	2,028	261,225	646	17,695	2,674	278,9
1,812	693,700	15	3,625	1,827	697,325	2,926	1,307,850	90	35,750	3,016	1,343,6
177	132,210	–	–	177	132,210	11	24,300	–	–	11	24,300
53,008	775,673	1,047	13,404	54,055	789,077	11,053	552,350	881	17,713	11,934	570,063
589	955,800	–	–	589	955,800	51	2,550	396	47,080	447	49,630
795	32,775	–	–	795	32,775	837	28,940	–	–	837	28,940
–	–	–	–	–	–	–	–	60	12,860	60	12,860
–	–	–	–	–	–	–	–	1,145	9,060	1,145	9,060
9,423	7,916	–	–	9,423	7,916	25,812	50,345	303	1,200	26,115	51,545
219,896	338,936	–	–	219,896	338,936	64,401	84,872	–	–	64,401	84,872
–	–	10	30	10	30	–	–	–	–	–	–
381	144,700	–	–	381	144,700	284	149,950	–	–	284	149,950
163	226,900	–	–	163	226,900	257	66,360	40	4,950	297	71,310
1,110	415,550	–	–	1,110	415,550	1,569	314,200	31	2,520	1,600	316,720
–	**4,166,736**	–	**22,164**	–	**4,188,900**	–	**2,861,442**	–	**148,828**	–	**3,010,270**
Nombre d'établissements	Valeur	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur
	$		$		$		$		$		$
153	492,459	–	–	153	492,459	51	169,947	–	–	51	169,947
–	–	–	–	–	–	–	–	–	–	–	–
5[3]	719,304[3]	–	–	5[3]	719,304[3]	–	–	–	–	–	–
–	–	–	–	–	–	3[4]	17,400[4]	–	–	[43]	17,400[4]
–	–	–	–	–	–	–	–	–	–	–	–
85	477,989	–	–	85	477,989	66	569,676	–	–	66	569,676
243	**1,689,752**	–	–	**243**	**1,689,752**	**120**	**757,023**	–	–	**120**	**757,023**
–	**5,856,488**	–	**22,164**	–	**5,878,652**	–	**3,618,465**	–	**148,828**	–	**3,767,293**

13. Capitaux engagés, par provinces—Opérations de pêche proprement dites—*fin*

Opérations de pêche proprement dites	Ontario		Manitoba	
	Nombre	Valeur	Nombre	Valeur
		$		$
Chalutiers à vapeur	-	-	-	-
Bateaux de pêche à vapeur	123	669,365	19	222,000
Voiliers et embarcations à gazoline—40 tonnes et plus	-	-	-	-
Voiliers et embarcations à gazoline—20-40 tonnes	-	-	-	-
Voiliers et embarcations à gazoline—10-20 tonnes	-	-	-	-
Chaloupes à voiles et à rames	1,285	83,790	209	57,770
Chaloupes à gazoline	768	384,702	8	5,500
Semaques	-	-	-	-
Rets, seines, pièges, etc.[1]	6,001,838[1]	688,298	25,110	332,050
Nasses	-	-	-	-
Câblières à flétan	-	-	-	-
Chaluts	-	-	-	-
Lignes à main	69,000	4,927	15	75
Filets à enclos	1,144	767,035	-	-
Seines à cercle	1,417	60,758	-	-
Carrelets sur dévidoirs	36	290	-	-
Harpons	199	669	-	-
Pièges tournants	-	-	-	-
Pièges à crabes	-	-	-	-
Etablissements d'ostréiculture	-	-	-	-
Môles et quais	252	111,920	23	20,000
Congélateurs et glacières	557[2]	267,928	53	113,231
Petites poissonneries	-	-	33	17,500
Valeur totale	-	**3,039,682**	-	**769,026**

Etablissements de préparation et de mise en boîte du poisson	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur
				$
Homarderies	-	-	-	-
Sardineries	-	-	-	-
Etablissements de préparation des mollusques	-	-	-	-
Saumoneries	-	-	-	-
Huileries	-	-	-	-
Etablissements de fumage, salaison, etc.	-	-	2	41,467
Totaux	-	-	2	**41,467**
Total des capitaux	-	**3,039,682**	-	**810,493**

[1]Pour Ontario, la longueur des rets et des seines est exprimée en verges.
[2]102 de ces établissements sont des abris pour les harponneurs d'une valeur de $1,053.

13. Capitaux engagés, par provinces—Opérations de pêche proprement dites—*fin*

Saskatchewan		Alberta		Colombie Britannique		Yukon	
Nombre	Valeur	Nombre	Valeur	Nombre	Valeur	Nombre	Valeur
	$		$		$		$
–	–	–	–	3	190,000	–	–
–	–	3	7,000	20	523,000	–	–
–	–	–	–	9	227,000	–	–
–	–	–	–	93	874,000	–	–
–	–	–	–	166	819,350	–	–
144	3,452	79	2,525	3,175	259,200	35	875
20	7,450	94	47,080	3,567	1,794,524	–	–
–	–	–	–	126	302,300	–	–
1,811	42,928	2,808	58,600	6,476	1,852,388	150	1,800
–	–	–	–	–	–	–	–
–	–	–	–	5,485	118,450	–	–
–	–	–	–	13	11,650	–	
16	90	–	–	6,852	38,780	–	–
–	–	1	350	–	–	–	–
20	200	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	2	250
–	–	–	–	4,000	24,000	–	–
–	–	–	–	1	20,500	–	–
15	1,625	26	11,905	67	565,550	–	–
24	4,300	41	12,215	15	1,330,500	–	–
5	695	66	3,450	32	64,000	4	450
–	**60,740**	–	**143,125**	–	**9,015,192**	–	**3,375**

Nombre d'établissements	Valeur	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur	Nombre d'établissements	Valeur
	$		$		$		$
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	75[3]	13,979,985[3]	–	–
–	–	–	–	9	1,457,521	–	–
–	–	–	–	20	920,799	–	–
–	–	–	–	**104**	**16,358,305**	–	–
–	**60,740**	–	**143,125**	–	**25,373,497**	–	**3,375**

[3] Comprend un établissement de préparation des mollusques.

Primes

En vertu d'une loi pour encourager le développement des pêcheries maritimes et la construction des navires de pêche, une somme de $160,000 est donnée en primes, chaque année, par le Ministère de la Marine et des Pêcheries, aux pêcheurs des provinces maritimes de l'est. Ces primes sont réparties et distribuées sur les bases fixées, de temps à autre, par décrets ministériels.

Pour l'année 1918, ces versements se sont effectués sur les bases suivantes:

Aux propriétaires de navires de pêche, $1 par tonneau enregistré, avec un maximum de $80 par navire.

A chaque membre de leur équipage $6.25.

Aux propriétaires de barques mesurant au moins 13 pieds de quille, $1 par embarcation.

A chaque pêcheur montant ces barques, $3.80.

Il a été reçu 13,068 demandes de primes, dont 13,061 ont été admises. L'année précédente, le nombre de réclamations avait atteint 14,452, dont 14 439 admises. Au total, il a été versé $155,136.70, se répartissant ainsi:

A 744 navires et leurs équipages, $52,990.05.

A 12,313 barques et leurs équipages, $102,146.65. Le tableau 2 de la IIIe partie donne le détail de ces primes, par comtés, pour 1919.

Importations et exportations

La valeur du poisson et des produits du poisson importés au Canada durant l'exercice terminé le 31 mars 1920, est estimée à $4,051,882. Pendant la même période, nos exportations se sont élevées à $42,227,996. L'année précédente, les importations avaient atteint $3,183,818 et les exportations $37,137,072. On en trouvera les détails dans la IIIe partie, tableau 3.

Revue rétrospective

Les trois tableaux suivants présentent une revue rétrospective de l'industrie de la pêche au Canada dans les années passées. En ce qui concerne la production, les données sont établies par provinces et par année et remontent jusqu'à 1870. Quant au nombre et à la valeur des navires, barques, etc., les chiffres partent de l'année 1880. Enfin, le personnel occupé à cette industrie nous est révélé depuis 1895.

14. Revue rétrospective—Valeur totale des pêcheries dans les différentes provinces du Canada, depuis 1870 jusqu'à 1919 inclusivement

Années	Ile du Prince-Edouard	Nouvelle-Ecosse	Nouveau-Brunswick	Québec	Ontario	Colombie Britannique	Manitoba, Saskatchewan, Alberta et Yukon	Total pour tout le Canada
	$	$	$	$	$	$	$	$
1870	Inconnu	4,019,425	1,131,433	1,161,551	264,982	Inconnu	Inconnu	6,577,391
1871	"	5,101,030	1,185,033	1,092,612	193,524	"	"	7,573,199
1872	"	6,016,835	1,965,459	1,320,189	267,633	"	"	9,570,116
1873	207,595	6,577,085	2,285,662	1,391,564	293,091	"	"	10,754,997
1874	288,863	6,652,302	2,685,794	1,608,660	446,267	"	"	11,681,886
1875	298,927	5,573,851	2,427,654	1,596,759	453,194	"	"	10,350,385
1876	494,967	6,029,050	1,953,389	2,097,668	437,229	104,697	"	11,117,000
1877	763,037	5,527,858	2,133,237	2,560,147	438,223	583,433	"	12,005,934
1878	840,344	6,131,600	2,305,790	2,664,055	348,122	925,767	"	13,215,678
1879	1,402,301	5,752,937	2,554,722	2,820,395	367,133	631,766	"	13,529,254
1880	1,675,089	6,291,061	2,744,447	2,631,556	444,491	713,335	"	14,499,979
1881	1,955,290	6,214,782	2,930,904	2,751,962	509,903	1,454,321	"	15,817,162
1882	1,855,687	7,131,418	3,192,339	1,976,516	825,457	1,842,675	"	16,824,092
1883	1,272,468	7,689,374	3,185,674	2,138,997	1,027,033	1,644,646	"	16,958,192
1884	1,085,619	8,763,779	3,730,454	1,694,561	1,133,724	1,358,267	"	17,766,404
1885	1,293,430	8,223,922	4,005,431	1,719,460	1,342,692	1,078,038	"	17,722,973
1886	1,141,991	8,415,362	4,180,227	1,741,382	1,435,998	1,577,348	186,980	18,679,288
1887	1,037,426	8,379,782	3,559,507	1,773,567	1,531,850	1,974,887	129,084	18,386,103
1888	876,862	7,817,030	2,941,863	1,860,012	1,839,869	1,902,195	180,677	17,418,508
1889	886,430	6,346,722	3,037,039	1,876,194	1,963,123	3,348,067	167,679	17,635,254
1890	1,041,109	6,636,444	2,699,055	1,615,119	2,009,637	3,481,432	232,104	17,714,900
1891	1,238,733	7,011,300	3,571,050	2,008,678	1,806,389	3,008,755	332,969	18,977,874
1892	1,179,856	6,340,724	3,203,9.2	2,236,732	2,042,198	2,849,483	1,088,254	18,941,169
1893	1,133,368	6,407,279	3,746,121	2,218,905	1,694,930	4,443,963	1,042,093	20,686,659
1894	1,119,738	6,547,387	4,351,526	2,303,386	1,659,968	3,950,478	787,087	20,719,570
1895	976,836	6,213,131	4,403,158	1,867,920	1,584,473	4,401,354	752,466	20,199,338
1896	976,126	6,070,895	4,799,433	2,025,754	1,605,674	4,183,999	745,543	20,407,424
1897	954,949	8,090,346	3,934,135	1,737,011	1,289,822	6,138,865	638,416	22,783,544
1898	1,070,202	7,226,034	3,849,357	1,761,440	1,433,632	3,713,101	613,355	19,667,121
1899	1,043,645	7,347,604	4,119,891	1,953,134	1,590,447	5,214,074	622,911	21,891,706
1900	1,059,193	7,809,152	3,769,742	1,989,279	1,333,294	4,878,820	718,159	21,557,639
1901	1,050,623	7,989,548	4,193,264	2,174,459	1,428,078	7,942,771	958,410	25,737,153
1902	887,024	7,351,753	3,912,514	2,059,175	1,265,706	5,284,824	1,198,437	21,959,433
1903	1,099,510	7,841,602	4,186,800	2,211,792	1,535,144	4,748,365	1,478,665	23,101,878
1904	1,077,546	7,287,099	4,671,084	1,751,397	1,793,229	5,219,107	1,716,977	23,516,439
1905	998,922	8,259,085	4,847,090	2,003,716	1,708,963	9,850,216	1,811,570	29,479,562
1906	1,168,939	7,799,160	4,905,225	2,175,035	1,734,856	7,003,347	1,493,923	26,279,485
1907	1,492,695	7,632,330	5,300,564	2,047,390	1,935,025	6,122,923	978,422	25,499,349
1908	1,378,624	8,009,838	4,754,298	1,881,817	2,100,078	6,465,038	861,392	25,451,085
1909	1,197,556	8,081,111	4,676,315	1,808,436	2,177,813	10,314,755	1,373,181	29,629,169
1910	1,153,708	10,119,243	4,134,144	1,692,475	2,026,121	9,163,235	1,676,507	29,965,433
1911	1,196,396	9,367,550	4,886,157	1,868,136	2,205,436	13,677,125	1,467,072	34,667,872
1912	1 379,905	7,384,055	4,264,054	1,988,241	2,842,878	14,455,488	1,074,843	33,389,464
1913	1,280,447	8,297,626	4,308,707	1,850,427	2,674,685	13,891,398	904,458	33,207,748
1914	1,261,666	7,730,191	4,950,083	1,924,430	2,755,291	11,515,086	1,137,884	31,264,631
1915	933,682	9,166,851	4,737,145	2,076,851	3,341,182	14,538,320	1,066,677	35,860,708
1916	1,344,179	10,092,902	5,656,859	2,991,624	2,658,993	14,736,346	1,826,475	39,208,378
1917	1,786,310	14,468,319	6,143,088	3,414,378	2,866,419	21,518,595	2,114,935	52,312,044
1918	1,148,201	15,143,066	6,298,990	4,568,773	3,175,111	27,282,223	2,634,180	60,250,544
1919	1,536,844	15,171,929	4,979,574	4,258,731	3,410,750	25,301,607	1,849,044	56,508,479

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15. Revue rétrospective—Nombre et valeur des navires et barques de pêche du Canada, et valeur des agrès de pêche et du matériel de l'industrie poissonnière

Années	Navires			Barques		Valeur des filets et seines	Autre matériel de l'industrie poissonnière (1)	Total du capital
	Nombre	Tonnage	Valeur	Nombre	Valeur			
1880	1,181	45,323	$1,814,688	25,266	$ 716,352	$ 985,978	$ 419,564	$ 3,936,582
1885	1,177	48,728	2,021,633	28,472	852,257	1,219,284	2,604,285	6,697,459
1890	1,069	43,084	2,152,790	29,803	924,346	1,695,358	2 600,147	7,372,641
1895	1,121	37,829	2,318,290	34,268	1,014,057	1,713,190	4,208,311	9,253,848
1900	1 212	41,307	1,940,329	38,930	1,248,171	2,405,860	5,395,765	10,990,125
1901	1,231	40,358	2,417,680	38,186	1,212,297	2,312,187	5,549,136	11,491,300
1902	1,296	49,888	2,620,661	41,667	1,199,598	2,103,621	5,382,079	11,305,959
1903	1,343	42,712	2,755,150	40,943	1,338,003	2,305,444	5,842,857	12,241,454
1904	1,316	43,025	2,592,527	41,938	1,376,165	2,189,666	6,198,584	12,356,942
1905	1,384	41,640	2,813,834	41,463	1,373,337	2,310,508	6,383,218	12,880,897
1906	1,439	40,827	2,841,875	39,634	1,452,374	2,426,341	7,824,975	14,555,565
1907	1,390	36,902	2,731,888	38,711	1,437,196	2,266,722	8,374,440	14,826,592
1908	1,441	40,818	3,571,871	39,965	1,696,856	2,283,127	7,957,500	15,508,275
1909	1,750	37,662	3,303,121	41,170	1,855,629	2,572,820	9,626,362	17,357.932
1910	1,680	38,454	3,028,625	38,977	2,834,996	2,786,548	10,720,701	19,019,870
1911	1,648	–	3,502,928	36,761	2,695,650	2,453,191	12,281,135	20,932,904
1912	1,669	–	4,671,923	34,501	3,072,115	4,154,880	12,489,541	24,388,459
1913	1,992	–	4,445,259	37,680	3,834,178	3,423,110	15,761,486	27,464,033
1914	1,892	–	4,390,660	39,144	3,957,912	3,313,581	13,071,009	24,733,162
1915	1,984	–	4,504,504	38,536	4,345,954	3,544,087	13,371,030	25,855,575
1916	1,965	–	5,267,724	40,105	4,829,793	4,485,269	14,146,176	28,728,962
1917	1,533	–	6,268,946	42,689	5,770,464	5,347,497	29,756,218	47,143,125
1918	1,417	–	6,790,888	38,726	7,059,638	6,174,967	40,196,370	60,221,863
1919	1,373	–	7,768,160	36,434	7,587,095	6,312,245	33,026,526	54,694,026

(1) Cela comprend toutes les fabriques de conserves de poisson, les poissonneries et établissements de fumage, les entrepôts frigorifiques, les môles et quais affectés à la pêche, les casiers à homard, pièges à saumon et à crabe, les nasses, chalut, et autres agrès de pêche, à l'exception des "navires", des "barques" et des "filets et seines".

16. Revue rétrospective—Nombre de personnes employées dans l'industrie poissonnière en 1895 et depuis 1900 jusqu'à 1919.

Années	Nombre de personnes employées dans les fabriques et poissonneries	Nombre de pêcheurs sur navires	Nombre de pêcheurs en barques	Nombre total de pêcheurs	Nombre total de personnes employées dans l'industrie poissonnière
1895	13,030	9,804	61,530	71,334	84,364
1900	18,205	9,205	71,859	81,064	99,269
1901	15,315	9,148	69,142	78,290	93,605
1902	13,563	9,123	68,678	77,801	91,364
1903	14,018	9,304	69,830	79,134	93,152
1904	13,981	9,236	68,109	77,345	91,326
1905	14,037	9,366	73,505	82,871	96,908
1906	12,317	8,458	67,646	76,104	88,421
1907	11,442	8,089	63,165	71,254	82,696
1908	13,753	8,550	62,520	71,070	84,823
1909	21,694	7,931	60,732	68,663	90,357
1910	24,978	8,521	60,089	68,610	93,588
1911	25,205	9,056	56,870	65,926	91,132
1912	23,327	9,076	56 005	65,081	88,408
1913	26,893	10,525	61,251	71,776	98,669
1914	24,559	9,400	60,554	69,954	94,513
1915	27,320	9,541	65,321	74,862	102,182
1916	[1]25,680	9,192	60,432	69,624	95,304
1917	22,732	8,946	[3]63,444	72,390	95,122
1918	18,554	8,668	[4]59,848	68,516	87,070
1919	18,356	8,908	58,896	67,804	86,160

[1] Y compris ceux employés dans les congélateurs et glacières.
[2] Y compris 744 pêcheurs sans embarcation.
[3] Y compris 1,738 pêcheurs sans embarcation.
[4] Y compris 2,616 pêcheurs sans embarcation

GLOSSARY—VOCABULAIRE

FISH—POISSONS

English	Français
Albacore	Bonite.
Alewives	Gasparot
Bass	Bar ou achigan
Belugas	Beluga
Black cod	Cabillaud
Brill	Barbue
Caplin	Capelan
Carp	Carpe
Catfish	Barbotte
Caviar	Caviar
Clams and quahaugs	Clovisses et mactres
Cod	Morue
Cod liver oil, medicinal	Huile de foie de morue médicinale
Dulce, crab, crockles, etc.	Algue, crabes, bucardes, etc.
Eels	Anguilles
Fertilizer	Engrais
Fish bones	Os de poisson
Fish offal	Entrailles de poisson
Fish oil	Huile de poisson
Fish skins	Peaux de poisson
Flounders	Carrelet
Fur seals	Phoque à fourrure
Gill bone	Os de branchies
Glue	Colle
Goldeyes	Œils-d'or
Greyfish	Roussette ou chien de mer
Haddock	Eglefin
Hair seals	Phoque commun
Hair seal skins	Peaux de phoque commun
Hake and cusk	Merluche et lingue
Halibut	Flétan
Herring	Hareng
Lobsters	Homard
Mackerel	Maquereau.
Maskinonge	Maskinongé
Mixed fish	Poissons divers
Mullets	Mulet
Mussels	Moules
Octopus	Poulpe
Oulachons	Oulachon
Oysters	Huître
Perch	Perche
Pickerel	Doré
Pike	Brochet
Pilchards	Sprat
Pollock	Merlan
Porpoises	Marsouin
Red cod, etc	Petite morue, etc.
Salmon	Saumon
Salmon roe	Œufs de saumon
Sardines	Sardine
Scallops	Pétoncle
Seal oil	Huile de phoque
Sea weed	Varech
Shad	Alose
Shrimps	Crevettes
Silver Hake	Merluche argentée
Skate	Raie
Smelts	Eperlan
Soles	Sole
Sprats	Sprats
Squid	Encornet
Sturgeon	Esturgeon
Sturgeon bladers	Vessies d'esturgeon
Swordfish	Espadon
Tomalley	Foie de homard
Tom cod	Tacaud
Tongues and sounds	Langues et noues
Trout	Truite
Tullibee	Tullipi
Whales	Baleine
Whale bone and meal	Fanon et engrais de baleine
Whale oil	Huile de baleine
Whitefish	Poisson blanc ou ablette
Whiting	Colin
Winkles	Bigorneaux ou littorines

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GLOSSARY—*Con.*—VOCABULAIRE—*suite*

GENERAL TERMS—EXPRESSIONS USUELLES

English	Français
Advertising	Publicité
Agencies of Production—Part I in Primary Operations	Moyens de production—1ère partie: pêche proprement dite
Agencies of Production—Part 2: Fish Canning and Curing	Moyens de production—2ème partie: préparation et mise en boîte du poisson
All other (Provincial, municipal, etc.)	Toutes autres (provinciales, municipales, etc.)
All other sundry expenses	Toutes autres dépenses diverses
Ambergris	Ambre gris
Anchovies	Anchois
And over	Et plus
Anthracite	Anthracite
Average number of hours worked	Nombre moyen d'heures de travail
Bbl	Brl ou baril
Bituminous	Bitumineux
Boats	Bateaux ou barques
Boilers	Chaudières
But under	Mais au-dessous
Canned	En boîte
Capital and Employees	Capital et employés
Carrying Smacks	Bateaux de transport de pêche ou semaques
Carrying Smacks and scows	Bateaux de transport de pêche et allègues ou semaques
Cases	Caisses
Cash accounts and bills receivable	En caisse, comptes et billets à recevoir
Caught and landed	Pris et débarqué ou pêché
Clam and other canneries	Etablissements à moules et mollusques
Classification of Wage-earners according to daily wages	Classification des ouvriers, selon leur salaire quotidien
Clerks, stenographers and salesmen, etc	Commis, sténographes, vendeurs, etc.
Coal	Charbon
Coke	Coke
Comprises	Comprend
Contract labour and piece workers	Travail à l'entreprise et ouvriers aux pièces
Co-operative Associations	Associations coopératives
Counties	Comtés
Crab establishments	Etablissements à crabes
Crab traps	Pièges à crabes
Cwt	Qtx
Days in operation	Jours en opérations
Dip or roll nets	Carrelets sur dévidoirs
Districts	Districts
Dried	Séché
Dry-salted	Salé à sec
Dust or slack	Poussier ou menu
Eel traps	Pièges à anguille
Electric motors	Moteurs électriques
Employees on salaries	Employés recevant un traitement ou des appointements
Employees on wages	Ouvriers salariés
Employees on wages by months	Ouvriers au mois
Establishment	Etablissements
Female	Femme
Fertilizer	Engrais
Fish canned, cured or otherwise prepared	Poisson en boîte, séché, fumé, ou autrement préparé
Fish caught and marketed	Poisson, pêché et mis en vente
Fish marketed for consumption fresh	Poisson vendu pour être consommé frais
Fish wheels	Pièges tournants
Fishing gear	Agrès de pêche.
Fishing piers and wharves	Jetées et quais de pêche
Five persons and over	Cinq personnes et plus
Freezers and ice houses	Etablissements frigorifiques et glacières
Fresh and frozen	Frais et congelé
Fresh or salted	Frais ou salé
Fuel used	Combustible employé
Fuel oil	Pétrole
Gal	Gallon ou gall.
Gas	Gaz
Gasoline	Gazoline
Gasoline boats—Row and sail	Bateaux à gazoline, à rames et à voile
Gill nets, seines, trap and smelt nets	Filets à mailles, seines, filets de pièges et à éperlan
Green-salted	Salé vert
Hand lines	Lignes à main
Home Consumption	Consommation domestique
Hoop nets	Seines à cercle
H. P. according to manufacturers rating	C.-V. maximum potentiel
H. P. actually employed	C.-V. effectivement employés
Idle	Oisif—arrêté
Imports and exports of fish and fish products	Importations et exportations de poisson et des produits du poisson
In addition to quantities given in the table following equipment was used by anglers	Outre les quantités données dans le tableau, les agrès suivants ont été employés par les pêcheurs à la ligne
In addition to these numbers there were also in British Columbia workers under the contract system, with regard to which we have no details of employment	Outre ces nombres il y avait aussi dans la Colombie Britannique des ouvriers sous le système de travail à l'entreprise à l'égard desquels nous manquons de détails
Individuals	Particuliers
Inland Fisheries	Pêcheries intérieures
Insurance	Assurance

GLOSSARY—*Con.*—VOCABULAIRE—*suite.*

GENERAL TERMS—*con.*—EXPRESSIONS USUELLES—*suite*

English	Français
Joint stock companies	Compagnies par actions
Land, buildings and fixtures	Terrain, bâtiments et agencement
Lb.	Liv.
Less than five persons	Moins de cinq personnes
Licensed Canneries	Fabriques de conserve de poisson patentées
Lignite	Lignite
Lines	Lignes
Lines and sturgeon lines	Lignes et lignes à esturgeon
Live fish or fish eggs for propagating purposes	Poisson vivant ou œufs de poisson pour pisciculture
Lobsters canned and shipped in shell	Homard, en conserve, et vivant ou frais
Lobster canneries	Fabrique de conserves de homard ou homarderies
Lobster traps	Casiers à homard
Machinery and tools	Machinerie et outils
Male	Hommes
Marketed	Mis sur le marché
Materials in stock, fuel, etc	Matières premières en stock, combustible, etc
Men	Hommes
Men fishing without boats	Pêcheurs sans embarcation
Mild cured	Mariné au lait
Miscellaneous expenses	Frais généraux
Months	Mois
No	Nombre
No employees	Nombre du personnel
Northern district	District septentrional
Officers, superintendents and managers	Administrateurs, directeurs et gérants
Oil	Huile
Ordinary repairs to buildings and machinery	Réparations ordinaires aux bâtiments et à la machinerie
Other fish	Autre poisson
Other fuel	Autre combustible
Outside piece-workers	Ouvriers aux pièces au dehors
Oyster establishments	Parcs à huîtres
Partnership	Société en nom collectif
Pearl, mother of, unmanufactured	Nacre, non ouvrée
Per day	Par jour
Per week	Par semaine
Pickled	Mariné
Pickled or dried	Mariné ou séché
Pound nets	Filets à enclos
Power employed	Force motrice employée
Power owned	Force motrice possédée
Power rented	Force motrice louée
Prepared or preserved	Préparé ou conservé
Proprietors who regularly perform manual labour in establishment	Propriétaires se livrant régulièrement à des travaux manuels dans leur établissement
Qtl	Qtx
Rent of offices, works and machinery	Loyer des bureaux, usines et machinerie
Rent of power	Loyer de la force motrice
Rods and lines	Lignes et cannes à pêche
Rooms	Chambres—pièces
Royalites, use of patents, etc	Droits régaliens, usage de brevets, etc.
Sail	Voile
Sailing and gasoline vessels	Voiliers et chaloupes à gazoline
Salmon canneries	Fabriques de conserves de saumon ou saumoneries
Salted	Salé
Salmon traps	Pièges à saumon
Sardine canneries	Fabriques de conserves de sardines ou sardineries
Sea fisheries	Pêcheries maritimes
Seed and breeding oysters imported for the purpose of being planted in Canadian waters	Naissains et boues huîtrières importées pour être déposées dans les eaux canadiennes
Shelled	Ecaillés
Shipped in shell	Expédié en écaille
Skates of halibut gear	Câblières à flétan
Small	Petit (m) ou petite (f)
Smoked	Fumé
Smoked fillets	Filets fumés
Southern districts	District méridional
Spears	Harpons
Spermaceti	Spermaceti (blanc de baleine)
Steam engines	Machines à vapeur
Steam fishing vessels	Vaisseaux de pêche à vapeur
Steam trawlers	Chalutiers à vapeur
Steam vessels	Vaisseaux à vapeur
Steam vessels or tugs	Navires à vapeur ou remorqueurs
Taxes	Taxes
Time	Temps
Time in operation and hours worked	Durée des opérations et heures de travail
Ton	Tonne
Tonnage	Tonnage
Tortoise and other shells	Ecailles de tortue et autres écailles
Total amounts paid to	Montant total payé à
Total capital invested	Total du capital engagé
Total expenses	Total des dépenses

GLOSSARY—*Concluded*—VOCABULAIRE—*fin*

GENERAL TERMS—*concluded*—EXPRESSIONS USUELLES—*fin.*

English	Français
Total for province—quantity	Total pour la province—quantité
Total for province—value	Total pour la province—valeur
Total of employers and of salaries and wages	Total du personnel, des appointements et des salaires
Total quantity	Quantité totale
Total salaries	Total des appointements
Total value	Valeur totale
Travelling	Voyages
Trawls	Chaluts
Turtles	Tortues
Under	Dessous ou au-dessous
Under 16 years	Au-dessous de 16 ans
Units	Unités
Used as bait	Employé comme boëtte
Used fresh	Consommé frais
Value	Valeur
Value of materials used	Valeur des matières premières utilisées
Value of product	Valeur des produits
Vessels—boats	Vaisseaux—bateaux ou barques
Water motors	Moteurs hydrauliques
Water wheels	Turbines
Weirs	Nasses
Wet—salted	Salé—frais
Whalebone	Fanon de baleine
Whale oil factory	Fabrique d'huile de baleine
Whaling stations	Postes de baleiniers
Wood	Bois
10–20 tons	10–20 tonnes
16 years and over	16 ans et plus
20–40 tons	20–40 tonnes
40 tons and over	40 tonnes et plus

CANADA

DOMINION BUREAU OF STATISTICS.

DAIRY FACTORIES

1919

(Prepared in collaboration with the Dairy and Cold Storage Branch of the Dominion Department of Agriculture, the Quebec Bureau of Statistics and the Dairy Branches of the Provincial Departments of Agriculture.)

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PREFACE

Annual statistics of dairy factories of Canada are issued by the Dominion Bureau of Statistics in collaboration with the Provincial Departments of Agriculture. The arrangements for co-operation embrace all the provinces, but the procedure varies in respect to the collection of returns. For all the provinces, except Quebec, a uniform schedule is printed by the Dominion Bureau; for the Maritime and Prairie Provinces and for British Columbia the schedules are distributed and the returns collected and revised by the provincial dairy commissioners, the returns being then forwarded to the Bureau for compilation, and the resulting statistics used as desired by both the Dominion and Provincial Departments. In the case of Ontario, the schedules are distributed and the returns collected and compiled by the Dominion Bureau, the Provincial Department of Agriculture furnishing the lists of dairy factories and its officers rendering assistance in securing dilatory returns. The Quebec Bureau of Statistics collects through the provincial dairy inspectors information identical in character with that obtained for the other provinces, and forwards to the Dominion Bureau the results of the compilation of the returns; the original reports of the inspectors are also placed at the disposal of the Dominion Bureau.

These arrangements ensure uniformity of the dairy statistics issued by the Dominion and Provincial Governments, and avoid the necessity for duplicate inquiries to factory operators.

The Dairy and Cold Storage Branch of the Dominion Department of Agriculture also co-operates, its officers furnishing expert advice in technical details.

R. H. COATS,
Dominion Statistician.

Dominion Bureau of Statistics,
Ottawa, November 22, 1920.

NOTE ON THE DAIRY INDUSTRY OF CANADA

Dairying is one of the oldest and has now become one of the most important of the industries of Canada. It owes its modern development and expansion to the introduction of the factory system for the making of cheese and butter, to the invention of the centrifugal cream separator and to the facilities afforded by improved methods of cold storage. The first Canadian cheese factory was established in Ontario, in 1864, and the first Canadian creamery for butter-making, in Quebec, in 1873. The first centrifugal cream separator was imported from Denmark in 1882, and the Government organization of cold storage services dates from 1895. In 1868 the quantity of cheese exported from Canada was 6,141,570 pounds and of butter 10,649,733 pounds. Cheese in 1904 reached its maximum exportation with 233,980,716 pounds and butter in 1903 with 34,128,944 pounds. The latest figures, viz., for the twelve months ended March 31, 1920, show an export of 126,395,777 pounds of cheese and 17,612,605 pounds of butter. The decline in the exports of cheese and butter does not represent any falling-off in the volume of total dairy production, but is due to the greater requirements of home consumption caused by the relative increase of urban population since the beginning of the present century. This has had the effect, to a considerable extent, of increasing the demand for milk consumed whole and of replacing the manufacture of cheese for export by that of butter sold for home consumption. The demands created by the war, and the consequent high prices, stimulated the manufacture of both cheese and butter and led to a revival of the export trade in the latter article.

The statistics in this report relate solely to the production of dairy factories: they do not include butter made on the farm and known as "dairy butter" and home-made cheese. The census of 1911 shows that the production of dairy butter in 1910 was 137,110,200 pounds and of home-made cheese 1,371,092 pounds, these quantities representing respectively 68 and 0·7 per cent of the totals. It is not possible to state precisely what the present proportions are, but the increased production of creamery butter would appear to indicate a decrease in the home-made article. Complete statistics of the production of dairy factories date from 1900, when the total value of products of dairy factories was $29,731,922. In 1919 the value of the products of dairy factories was $135,196,602, representing an increase of $105,464,680 during the first twenty years of the present century. The total value of all the dairy products of Canada in 1919 is estimated by the dairy commissioner of the Department of Agriculture at $251,526,201, which includes $135,196,602, the value of products of the dairy factories; $56,250,000, the estimated value of "dairy butter"; and $60,079,599, the estimated value of milk used whole, as apart from that delivered to the dairy factories.

Finally, within recent years, there has been a large increase in the production of condensed milk, which has caused a decrease in the production of cheese, arising from the fact that the farmers have found it more profitable to send their milk to the condenseries than to the cheese factories. The first milk-condensing plant was established at Truro, N.S., in 1883, and there are now in Canada twenty four plants for the manufacture of condensed, evaporated and sterilized milk and milk powder. The total value of these products has grown from $269,520 in 1900 to $13,930,513 in 1919.

SESSIONAL PAPER No. 17e

DAIRY FACTORIES OF CANADA, 1919

Introduction

The Statistical Report of the Dairy Factory Industry of Canada for the year 1919 gives in the main tables the statistics by provinces, and counties or districts, according to the following five groups: A. Creameries; B. Cheese Factories; C. Combined Butter and Cheese Factories; D. Condensed Milk Factories; and E. All Factories.

The compilations include all dairy factories in operation in Canada during the year 1919. From each factory was received a return showing capital invested; number of patrons; quantity of milk and cream delivered at factory; amounts paid to patrons; quantity and value of butter, cheese and other products; time in operation; employees, salaries, wages and hours; fuel used; power employed; and miscellaneous expenditures.

Establishments, Patrons and Number of Cows

The number of dairy factories operating in 1919 was 3,282, comprising 1,018 creameries, 1,787 cheese factories, 453 combined butter and cheese factories and 24 condensed milk factories. The number of creameries increased by 28, and the number of condenseries by two over the previous year, while cheese factories showed a decrease of 98, and combined factories a decrease of 23. The number of patrons (farmers who supply milk and cream to dairy factories) was 275,060 in 1919, compared with 252,416 in 1918. The numbers of patrons of creameries and condenseries have increased, and the numbers of patrons of cheese and combined factories have decreased.

The number of cows furnishing the milk supplied to the factories was 1,648,442 in 1919, an increase of more than a hundred thousand over the previous year.

The following table shows by provinces the number of factories, the number of patrons and the number of cows for 1919 and the two preceding years.

1. Establishments, Patrons and Number of Cows, 1917, 1918 and 1919.

ESTABLISHMENTS

Province	Creameries			Cheese Factories		
	1917	1918	1919	1917	1918	1919
	no.	no.	no.	no.	no.	no.
Prince Edward Island	11	8	10	23	23	20
Nova Scotia	22	22	22	3	2	1
New Brunswick	15	17	17	24	24	24
Quebec	598	628	631	895	900	833
Ontario	154	164	179	923	910	888
Manitoba	41	40	44	23	18	12
Saskatchewan	31	38	42	–	1	1
Alberta	53	50	48	7	5	5
British Columbia	24	23	25	2	2	3
Total	949	990	1,018	1,900	1,885	1,787

1. Establishments, Patrons and Number of Cows, 1917, 1918 and 1919—con.

ESTABLISHMENTS—concluded.

Province	Combined Factories			Condensed Milk Factories			Total Factories		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	no.	no.	no.	no.	no.	no.	no.	no.	no.
Prince Edward Island	5	5	7	1	1	1	40	37	38
Nova Scotia	–	–	–	2	2	2	27	26	25
New Brunswick	2	1	–	–	–	–	41	42	41
Quebec	482	425	403	1	1	1	1,976	1,954	1,868
Ontario	45	37	37	13	15	17[1]	1,135	1,126	1,121
Manitoba	–	1	–	–	–	–	64	59	56
Saskatchewan	–	–	–	–	–	–	31	39	43
Alberta	13	6	5	–	–	–	73	61	58
British Columbia	2	1	1	3	3	3	31	29	32
Total	**549**	**476**	**453**	**20**	**22**	**24**	**3,418**	**3,373**	**3,282**

PATRONS

Province	Patrons of Creameries			Patrons of Cheese Factories		
	1917	1918	1919	1917	1918	1919
	no.	no.	no.	no.	no.	no.
Prince Edward Island	1,140	1,117	1,532	1,891	1,726	1,509
Nova Scotia	4,211	4,052	4,990	66	53	35
New Brunswick	932	1,477	1,563	634	616	628
Quebec	39,354	39,690	38,482	23,429	23,738	22,419
Ontario	45,114	45,715	54,644	40,237	39,030	36,870
Manitoba	21,116	26,354	29,412	632	495	265
Saskatchewan	14,389	16,413	26,281	–	17	38
Alberta	11,240	14,038	17,114	125	428	532
British Columbia	1,536	2,117	2,644	16	105	126
Total	**139,032**	**150,973**	**176,662**	**67,030**	**66,208**	**62,422**

Province	Patrons of Combined Factories			Patrons of Condensed Milk Factories			Patrons of all Factories		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	no.	no.	no.	no.	no.	no.	no.	no.	no.
Prince Edward Island	698	753	944	108	132	144	3,837	3,728	4,129
Nova Scotia	–	–	–	225	240	238	4,502	4,345	5,263
New Brunswick	95	60	–	–	–	–	1,661	2,153	2,191
Quebec	18,852	16,403	17,764	149	180	350	81,784	80,011	79,015
Ontario	7,465	3,970	3,421	3,439	3,682	4,836	96,255	92,397	99,771
Manitoba	–	18	–	–	–	–	21,748	26,867	29,677
Saskatchewan	–	–	–	–	–	–	14,389	16,430	26,319
Alberta	11,108	9,445	7,807	–	–	–	22,473	23,911	25,453
British Columbia	126	40	40	356	312	432	2,034	2,574	3,242
Total	**38,344**	**30,689**	**29,976**	**4,277**	**4,546**	**6,000**	**248,683**	**252,416**	**275,060**

Cows[1]

Province	Cows from which Milk was sent to			
	Creameries		Cheese Factories	
	1918	1919	1918	1919
	no.	no.	no.	no.
Prince Edward Island	4,470	5,649	7,232	7,063
Nova Scotia	18,534	20,300	270	220
New Brunswick	6,998	9,632	5,017	5,548
Quebec	266,157	265,316	177,636	170,267
Ontario	238,462	295,457	347,256	349,538
Manitoba	97,245	82,438	3,053	1,674
Saskatchewan	55,504	67,215	125	120
Alberta	56,027	65,738	1,230	2,990
British Columbia	14,040	27,414	590	950
Total	**757,437**	**839,159**	**542,409**	**538,370**

[1]Returns of number of cows were incomplete for 1917 and the figures are therefore omitted from this table.

1. Establishments, Patrons and Number of Cows, 1917, 1918 and 1919—concluded.

Cows—concluded.

Province	Cows from which Milk was sent to					
	Combined Factories		Condensed Milk Factories		All Factories	
	1918	1919	1918	1919	1918	1919
	no.	no.	no.	no.	no.	no.
Prince Edward Island	2,890	3,465	850	940	15,442	17,117
Nova Scotia	–	–	2,460	2,660	21,264	23,180
New Brunswick	250	–	–	–	12,265	15,180
Quebec	118,917	125,871	4,179	3,200	566,889	564,654
Ontario	21,513	25,805	56,081	76,447	663,312	747,247
Manitoba	40	–	–	–	100,338	84,112
Saskatchewan	–	–	–	–	55,629	67,335
Alberta	20,275	28,195	–	–	77,532	96,923
British Columbia	150	200	5,866	4,130	20,646	32,694
Total	**164,035**	**183,536**	**69,436**	**87,377**	**1,533,317**	**1,648,442**

Deliveries of Milk and Cream

The quantity of milk delivered to the factories was 2,821,149,557 pounds and of cream (expressed in pounds of butter fat) 71,351,336 pounds, compared with 2,772,676,533 pounds of milk and 61,959,088 pounds butter fat content of cream in 1918. There were large increases in deliveries of milk to creameries and condenseries and decreases to cheese and combined factories. Increased quantities of cream were delivered to creameries and combined factories, and decreased quantities to condenseries. Table 2 shows the quantities of milk and cream delivered to the factories, by provinces.

2. Deliveries of Milk and Cream to Dairy Factories, 1917, 1918 and 1919

Province	Deliveries of Milk to Creameries			Deliveries of Milk to Cheese Factories		
	1917	1918	1919	1917	1918	1919
	lb.	lb.	lb.	lb.	lb.	lb.
Prince Edward Island	87,685	–	–	17,140,464	16,231,551	17,888,773
Nova Scotia	657,446	196,280	655,798	748,732	656,288	504,923
New Brunswick	1,456,233	3,373,445	3,313,308	11,911,909	11,697,262	12,943,594
Quebec	330,035,956	361,431,241	366,786,689	409,243,347	399,003,654	389,458,628
Ontario	29,123,376	61,082,135	107,111,553	1,276,571,512	1,152,512,319	1,125,644,718
Manitoba	27,492,868	24,917,444	25,792,000	10,159,096	6,757,394	4,456,804
Saskatchewan	9,395,035	11,341,625	12,772,519	–	151,049	357,025
Alberta	10,700,952	3,971,125	3,969,582	1,041,303	2,774,104	8,035,292
British Columbia	10,788,095	21,541,592	27,586,304	355,003	2,129,797	2,863,627
Total	**469,737,646**	**487,854,887**	**547,987,753**	**1,727,171,366**	**1,591,913,418**	**1,562,153,384**

Province	Deliveries of Milk to Combined Factories			Deliveries of Milk to Condensed Milk Factories		
	1917	1918	1919	1917	1918	1919
	lb.	lb.	lb.	lb.	lb.	lb.
Prince Edward Island	6,790,120	7,136,155	8,466,865	1,448,676	1,467,425	1,319,266
Nova Scotia	–	–	–	6,207,475	7,281,225	8,086,978
New Brunswick	719,970	383,300	–	–	–	–
Quebec	366,888,662	325,648,697	319,786,783	10,395,194	12,537,467	9,743,000
Ontario	103,873,560	83,442,385	78,412,627	157,805,002	216,237,844	255,877,113
Manitoba	–	5,000	–	–	–	–
Saskatchewan	–	–	–	–	–	–
Alberta	26,865,310	15,311,259	11,853,138	–	–	–
British Columbia	4,617,310	203,000	145,000	19,815,342	23,254,471	17,317,650
Total	**509,754,932**	**432,129,796**	**418,664,413**	**195,671,689**	**260,778,432**	**292,344,007**

2. Deliveries of Milk and Cream to Dairy Factories, 1917, 1918 and 1919—concluded.

Province	Deliveries of Milk to all Factories		
	1917	1918	1919
	lb.	lb.	lb.
Prince Edward Island	25,466,945	24,835,131	27,674,904
Nova Scotia	7,613,653	8,133,793	9,247,699
New Brunswick	14,088,112	15,454,007	16,256,902
Quebec	1,166,563,159	1,098,621,059	1,085,775,100
Ontario	1,567,602,673	1,513,274,683	1,567,046,011
Manitoba	37,651,964	31,679,838	30,248,804
Saskatchewan	9,395,035	11,492,674	13,129,544
Alberta	38,607,565	22,056,488	23,858,012
British Columbia	35,575,750	47,128,860	47,912,581
Total	**2,902,564,856**	**2,772,676,533**	**2,821,149,557**

Province	Deliveries of Cream to Creameries			Deliveries of Cream to Combined Factories		
	1917	1918	1919	1917	1918	1919
	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat
Prince Edward Island	431,256	459,568	633,910	35,939	32,128	66,331
Nova Scotia	1,510,870	1,586,607	1,923,786	–	–	–
New Brunswick	422,532	548,783	809,466	66,022	22,245	–
Quebec	8,918,145	10,145,011	12,174,111	3,672,682	1,376,557	1,356,033
Ontario	22,992,747	24,901,362	27,630,651	1,668,900	1,087,234	1,222,496
Manitoba	6,230,449	7,593,000	7,395,323	–	5,064	–
Saskatchewan	3,586,442	4,219,732	5,801,486	–	–	–
Alberta	4,458,054	5,602,110	7,468,333	3,493,065	2,183,286	2,939,589
British Columbia	1,098,117	1,525,727	1,661,542	74,661	18,500	18,200
Total	**49,648,612**	**56,581,900**	**65,498,608**	**9,011,269**	**4,725,014**	**5,602,649**

Province	Deliveries of Cream to Condensed Milk Factories			Deliveries of Cream to All Factories		
	1917	1918	1919	1917	1918	1919
	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat	lb. of butter fat
Prince Edward Island	36,348	51,817	63,418	503,543	543,513	763,659
Nova Scotia	–	2,014	5,775	1,510,870	1,588,621	1,929,561
New Brunswick	–	–	–	488,554	571,028	809,466
Quebec	–	–	–	12,590,827	11,521,568	13,530,144
Ontario	114,453	598,343	180,886	24,776,100	26,586,939	29,034,033
Manitoba	–	–	–	6,230,449	7,598,064	7,395,323
Saskatchewan	–	–	–	3,586,442	4,219,732	5,801,486
Alberta	–	–	–	7,951,119	7,785,396	10,407,922
British Columbia	–	–	–	1,172,778	1,544,227	1,679,742
Total	**150,801**	**652,174**	**250,079**	**58,810,682**	**61,959,088**	**71,351,336**

Amounts paid to Patrons

The total amounts paid to patrons were $107,412,542 in 1919 and $83,637,391 in 1918, an increase of nearly $24,000,000. Increases are shown under every classification. For creameries the increase was $13,890,471. Cheese and combined factories, which show decreases in quantities of milk and cream delivered, show substantial increases in amounts paid to patrons, the amounts for the former increasing by over $5,000,000 and for the latter by $2,500,000. The only province which showed a decrease in total amount paid to patrons was British Columbia and this decrease was slight, being only $8,000. The amounts paid in the several provinces are given in the following table:

3. Amounts paid to Patrons of Dairy Factories, 1917, 1918 and 1919

Province	Paid to Patrons of Creameries			Paid to Patrons of Cheese Factories			Paid to Patrons of Combined Factories		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	$	$	$	$	$	$	$	$	$
Prince Edward Island...	184,169	226,190	367,177	286,305	293,750	372,854	129,617	145,108	218,139
Nova Scotia.....	666,983	783,312	1,163,034	12,792	11,694	11,283	–	–	–
New Brunswick.....	218,408	348,805	580,619	221,773	229,240	317,188	40,876	17,676	–
Quebec.....	10,419,772	12,439,514	15,979,246	7,449,955	7,601,535	8,818,945	7,273,657	6,881,979	8,273,868
Ontario.....	9,242,126	13,071,060	19,111,856	22,265,868	21,181,557	25,069,782	2,656,495	2,353,649	2,795,337
Manitoba.....	2,939,676	4,337,095	4,817,568	166,126	127,524	97,786	–	2,381	–
Saskatchewan.....	1,349,227	2,179,719	3,373,317	–	2,600	10,109	–	–	–
Alberta.....	1,706,806	2,525,031	4,017,669	16,037	53,565	197,856	1,596,305	1,238,104	1,806,410
British Columbia.....	773,588	1,641,973	2,032,684	7,865	54,256	71,335	235,204	12,060	14,545
Total.....	**27,500,755**	**37,552,699**	**51,443,170**	**30,426,721**	**29,555,721**	**34,967,138**	**11,932,154**	**10,650,957**	**13,108,299**

Province	Paid to Patrons of Condensed Milk Factories			Paid to Patrons of All Factories		
	1917	1918	1919	1917	1918	1919
	$	$	$	$	$	$
Prince Edward Island.....	34,601	45,200	71,107	634,692	710,248	1,029,277
Nova Scotia.....	114,650	157,674	226,691	794,425	952,680	1,401,008
New Brunswick.....	–	–	–	481,057	595,721	897,807
Quebec.....	195,115	283,338	234,898	25,338,499	27,206,366	33,306,957
Ontario.....	3,420,556	4,823,591	6,810,810	37,585,045	41,429,857	53,787,785
Manitoba.....	–	–	–	3,105,802	4,467,000	4,915,354
Saskatchewan.....	–	–	–	1,349,227	2,182,319	3,383,426
Alberta.....	–	–	–	3,319,148	3,816,700	6,021,935
British Columbia.....	239,293	568,211	550,429	1,255,950	2,276,500	2,668,993
Total.....	**4,004,215**	**5,878,014**	**7,893,935**	**73,863,845**	**83,637,391**	**107,412,542**

Production and Value of Creamery Butter and Factory Cheese

Butter.—The production of creamery butter in 1919 was 103,890,707 pounds valued at $56,371,985, compared with 93,298,348 pounds valued at $41,859,156, in the preceding year. The average price of butter for the whole of Canada was 54 cents in 1919, compared with 45 cents in 1918. Butter in British Columbia sold at an average of 61 cents per pound. Prices in the other provinces ranged from 51½ cents in Alberta to 56 cents in Nova Scotia. Manitoba showed a slight decrease in quantity made. The other provinces all showed increased production.

Cheese.—The quantity of cheese produced in 1919 was 166,421,871 pounds, a decrease from the preceding year of 8,000,000 pounds. The average price per pound, however, increased from 22½ cents in 1918 to 26½ cents in 1919, so that the total value in 1919 was greater than in 1918 by $5,000,000 ($44,586,168 in 1919 and $39,456,532 in 1918). Nearly all the factory cheese is produced in Ontario and Quebec, the quantities in the other provinces being relatively small.

Tables 4, 5 and 6, show by provinces the quantity, value and average price per lb. of creamery butter and factory cheese in the years 1917, 1918 and 1919.

4. Production and Value of Butter, 1917, 1918 and 1919

PRODUCTION OF BUTTER IN CREAMERIES

Province	1917		1918		1919	
	lb.	$	lb.	$	lb.	$
Prince Edward Island	513,520	205,368	548,924	249,039	747,825	400,693
Nova Scotia	1,746,662	711,652	1,756,905	808,755	2,102,419	1,183,762
New Brunswick	498,173	206,564	633,316	290,539	910,504	503,714
Quebec	28,726,626	11,404,337	30,839,505	13,722,990	30,680,200	16,957,549
Ontario	26,288,847	10,241,545	26,969,588	12,003,063	31,921,695	17,243,316
Manitoba	7,050,921	2,595,472	8,431,962	3,895,041	8,268,342	4,350,693
Saskatchewan	4,220,758	1,575,965	5,009,014	2,221,403	6,622,572	3,495,172
Alberta	4,998,096	1,887,262	6,597,319	2,934,705	8,771,137	4,538,993
British Columbia	1,201,646	555,747	1,560,478	797,782	1,646,820	1,005,686
Total	**75,245,249**	**29,383,912**	**84,347,011**	**36,923,317**	**91,671,514**	**49,679,578**

PRODUCTION OF BUTTER IN COMBINED FACTORIES

Province	1917		1918		1919	
	lb.	$	lb.	$	lb.	$
Prince Edward Island	41,345	16,762	37,893	17,065	83,939	44,494
New Brunswick	67,526	27,122	26,694	12,279	–	–
Quebec	5,665,934	2,284,973	5,921,352	2,641,960	7,001,166	3,899,974
Ontario	1,694,509	664,523	1,160,095	546,935	881,235	492,351
Manitoba	–	–	5,000	2,435	–	–
Alberta	3,945,875	1,527,279	2,455,918	1,091,146	3,051,753	1,593,740
British Columbia	93,097	38,876	21,446	10,079	21,470	13,311
Total	**11,508,286**	**4,559,535**	**9,628,598**	**4,321,899**	**11,039,583**	**6,043,870**

PRODUCTION OF BUTTER IN ALL FACTORIES

Province	1917		1918		1919	
	lb.	$	lb.	$	lb.	$
Prince Edward Island	554,865	222,130	586,817	266,104	905,752[3]	485,880
Nova Scotia	1,746,662	711,652	1,756,905	808,755	2,107,429[4]	1,186,322
New Brunswick	565,699	233,686	660,010	302,818	910,504	503,714
Quebec	34,392,562	13,689,310	36,761,057	16,364,950	37,681,366	20,857,523
Ontario	28,756,758[1]	11,236,839[1]	29,452,422[2]	13,163,938[2]	33,903,562[5]	18,340,951
Manitoba	7,050,921	2,595,472	8,436,962	3,897,476	8,268,342	4,350,693
Saskatchewan	4,220,758	1,575,965	5,009,014	2,221,403	6,622,572	3,495,172
Alberta	8,943,971	3,414,541	9,053,237	4,025,851	11,822,890	6,132,733
British Columbia	1,294,743	594,623	1,581,924	807,861	1,668,290	1,018,997
Total	**87,526,939[1]**	**34,274,218[1]**	**93,298,348[2]**	**41,859,156[2]**	**103,890,707[6]**	**56,371,985**

[1]Including 773,402 lb. of butter, valued at $330,771, produced in condensed milk factories in Ontario and Prince Edward Island.
[2]Including 1,322,739 lb. of butter, valued at $613,940, produced in condensed milk factories in Ontario and Prince Edward Island.
[3]Including 73,988 lb. of butter, valued at $40,693 produced in condensed milk factories in Prince Edward Island.
[4]Including 5,010 lb. of butter, valued at $2,560 produced in condensed milk factories in Nova Scotia.
[5]Including 1,100,612 lb. of butter, valued at $605,284 produced in condensed milk factories in Ontario.
[6]Including 1,179,610 lb. of butter, valued at $648,537 produced in condensed milk factories in Canada.

5. Production and Value of Cheese, 1917, 1918 and 1919

PRODUCTION OF CHEESE IN CHEESE FACTORIES

Province	1917		1918		1919	
	lb.	$	lb.	$	lb.	$
Prince Edward Island	1,599,885	333,723	1,535,871	350,606	1,677,431	432,502
Nova Scotia	67,497	14,269	61,195	13,897	47,360	12,952
New Brunswick	1,188,296	245,629	1,149,367	259,431	1,252,849	349,794
Quebec	40,024,037	8,361,081	39,117,406	8,776,902	37,938,878	10,001,712
Ontario	114,319,617	24,318,420	102,874,662	23,213,520	99,046,731	26,744,016
Manitoba	1,003,646	199,036	657,085	143,696	423,855	111,898
Saskatchewan	–	–	13,573	3,257	35,452	11,527
Alberta	104,649	22,692	184,908	43,431	305,598	80,195
British Columbia	35,000	10,655	230,347	56,076	289,502	83,805
Total	**158,342,627**	**33,505,505**	**145,824,414**	**32,860,816**	**141,017,656**	**37,828,401**

5. Production and Value of Cheese, 1917, 1918 and 1919—concluded.

PRODUCTION OF CHEESE IN COMBINED FACTORIES

Province	1917		1918		1919	
	lb.	$	lb.	$	lb.	$
Prince Edward Island	635,100	132,594	665,497	152,677	795,132	208,067
New Brunswick	55,810	12,016	35,858	8,146	–	–
Quebec	27,810,980	5,811,192	22,952,756	5,199,964	20,105,841	5,303,776
Ontario	6,853,469	1,453,524	4,839,569	1,099,436	4,200,092	1,156,470
Manitoba	–	–	500	125	–	–
Alberta	1,170,256	257,493	367,926	87,480	214,932	64,963
British Columbia	36,094	8,299	19,300	4,825	15,000	4,500
Total	**36,561,709**	**7,675,118**	**28,881,406**	**6,552,653**	**25,330,997**	**6,737,776**

PRODUCTION OF CHEESE IN ALL FACTORIES

Province	1917		1918		1919	
	lb.	$	lb.	$	lb.	$
Prince Edward Island	2,234,985	466,317	2,201,368	503,283	2,472,563	640,569
Nova Scotia	67,497	14,269	61,195	13,897	47,360	12,952
New Brunswick	1,244,106	257,645	1,185,225	267,577	1,252,849	349,794
Quebec	67,835,017	14,172,273	62,070,162	13,976,866	58,044,719	15,305,488
Ontario	121,173,086	25,771,944	107,886,724[1]	24,356,019[1]	103,320,041[2]	27,920,477[2]
Manitoba	1,003,646	199,036	657,585	143,821	423,855	111,898
Saskatchewan	–	–	13,573	3,257	35,452	11,527
Alberta	1,274,905	280,185	552,834	130,911	520,530	145,158
British Columbia	71,094	18,954	249,647	60,901	304,502	88,305
Total	**194,904,336**	**41,180,623**	**174,878,313[1]**	**39,456,532[1]**	**166,421,871[2]**	**44,586,168[2]**

[1]Including 172,493 lb. of cheese, valued at $43,063 produced in condensed milk factories in Ontario.
[2]Including 73,218 lb. of cheese, valued at $19,991 produced in condensed milk factories in Ontario.

6. Wholesale Prices per lb. of Creamery Butter and Factory Cheese, 1917, 1918 and 1919

Province	Butter in Creameries			Butter in Combined Factories			Butter in All Factories		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	cents	cents	cents	cents	cents	cents	cents	cents	cents
Prince Edward Island	40·00	45·36	53·64	40·54	45·03	53·00	40·17	45·34	53·58
Nova Scotia	40·74	46·03	56·30	–	–	–	40·74	46·03	56·30
New Brunswick	41·46	45·87	55·32	40·17	45·99	–	41·30	45·88	55·32
Quebec	39·70	44·49	55·27	40·33	44·61	55·70	39·80	44·51	55·35
Ontario	38·96	44·50	54·01	39·22	47·14	55·86	39·07	44·69	54·09
Manitoba	36·81	46·19	52·61	–	48·70	–	36·81	46·19	52·61
Saskatchewan	38·49	44·34	52·77	–	–	–	37·33	44·11	52·77
Alberta	37·76	44·48	51·74	38·71	44·42	52·22	38·17	44·46	51·87
British Columbia	46·25	51·12	61·06	41·76	46·90	61·99	45·92	51·06	61·08
Average	**39·05**	**44·83**	**54·19**	**39·62**	**44·88**	**54·74**	**39·15**	**44·86**	**54·26**

Province	Cheese in Cheese Factories			Cheese in Combined Factories			Cheese in All Factories		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	cents	cents	cents	cents	cents	cents	cents	cents	cents
Prince Edward Island	20·86	22·82	25·78	20·88	22·94	26·16	20·86	22·86	25·94
Nova Scotia	21·14	22·70	27·34	–	–	–	21·14	22·70	27·34
New Brunswick	20·67	22·57	27·91	21·53	23·71	–	20·70	23·42	27·91
Quebec	20·89	22·43	26·36	20·90	22·65	26·37	20·89	22·51	26·36
Ontario	21·27	22·56	27·00	21·21	22·71	27·53	21·26	22·57	27·02
Manitoba	19,83	21·86	26·40	–	25·00	–	19·83	21·88	26·40
Saskatchewan	–	23·99	32·51	–	–	–	–	23·99	32·51
Alberta	21·68	23·48	26·24	22·01	23·77	30·22	21·97	23·49	27·88
British Columbia	30·44	24·34	28·94	23·00	25·00	30·00	26·66	24·39	28·99
Average	**21·16**	**22·53**	**26·82**	**21·00**	**22·68**	**26·59**	**21·12**	**22·56**	**26·79**

Table 7 shows the number of dairy factories, and the production, value and average price per pound of creamery butter and factory cheese for the years 1900, 1907, 1910 and 1915 to 1919.

7. Production, Value and Average Wholesale Price per lb. of Creamery Butter and Factory Cheese, 1900, 1907, 1910, 1915, 1916, 1917, 1918 and 1919

Year	Establishments	Creamery Butter			Factory Cheese		
		Quantity	Value	Average price per lb.	Quantity	Value	Average price per lb.
	no.	lb.	$	cents	lb.	$	cents
1900	3,576	36,066,739	7,240,972	20·07	220,833,269	22,221,430	10·06
1907	3,515	45,930,294	10,949,062	23·83	204,788,583	23,597,639	11·52
1910	3,625	64,698,165	15,645,845	24·18	199,904,205	21,587,124	10·79
1915	3,513	83,991,453	24,385,052	29·03	183,887,837	27,097,176	14·73
1916	3,446	82,564,130	26,966,355	32·66	192,968,597	35,512,622	18·40
1917	3,418	87,526,939	34,274,218	39·15	194,904,336	41,180,623	21·12
1918	3,373	93,298,348	41,859,156	44·86	174,878,313	39,456,532	22·56
1919	3,282	103,890,707	56,371,985	54·26	166,421,871	44,586,168	26·79

Miscellaneous Dairy Factory Products

The production of condensed milk in 1919 was 62,216,383 pounds, valued at $9,456,016; of evaporated milk, 16,107,934 pounds, valued at $1,789,089; and of milk powder, 6,788,770 pounds, valued at $1,617,046. The value of the cream and whole milk sold by dairy factories was $15,488,752. The largest proportion of the milk and cream sold is contributed by city dairies, which are classified as dairy factories when producing butter or cheese. The following table shows the quantities and values of products other than butter and cheese in the years 1917, 1918 and 1919.

8. Miscellaneous Products of Dairy Factories, in 1917, 1918 and 1919

Product	1917		1918		1919	
	Quantity	Value	Quantity	Value	Quantity	Value
		$		$		$
Condensed milk lb.	32,105,799	3,811,281	40,700,209	5,711,174	62,216,383	9,456,016
Evaporated milk lb.	29,415,012	2,635,952	38,612,367	4,048,055	16,107,934	1,789,089
Milk powder lb.	3,979,514	817,287	5,530,915	1,388,248	6,788,770	1,617,046
Sterlilized milk lb.	–	–	–	–	7,460,400	852,080
Modified milk gal.	8,044	8,794	–	–	–	–
Skim condensed milk lb.	127,820	6,391	495,395	29,724	494,973	32,921
Condensed coffee and cocoa lb.	–	–	–	–	743,984	150,668
Whey butter lb.	727,075	247,757	891,543	354,675	1,404,491	661,014
Casein lb.	180,023	28,337	243,763	40,854	199,703	32,693
Ice cream gal.	2,000,761	2,200,360	2,033,190	2,517,435	2,854,070	3,634,686
Whole milk sold gal.	15,062,945	5,917,544	18,986,646	8,568,966	23,017,800	10,662,526
Cream sold (lb. butter fat)	4,613,834	2,545,327	4,616,449	2,943,790	6,505,394	4,826,226
Buttermilk sold	–	205,455	–	235,529	–	256,491
Sundry[1]	–	–	–	186,712	–	266,993
Total	–	**18,424,485**	–	**26,025,162**	–	**34,238,449**

[1] Comprises curd cheese, skim milk, whey and whey cream.

Character of Organization of Dairy Factories

Of the total number of dairy factories, 344 were operated by co-operative associations, 560 by incorporated companies, and 2,378 by individuals and partnerships. Statistics by provinces are given in table X. p. 97.

Time in Operation

The dairy factory returns are grouped in table IX. p. 96, according to number of days in operation. The first group, which operated less than sixty days, includes 11 factories; the second, from 60 to 119 days, 115 factories; the third, from 120 to 179 days, 1,191 factories; the fourth, 180 to 239 days, 1,202 factories; and the fifth, 240 days and over, 763 factories. Comprised in the last group were 446 creameries, 112 cheese factories, and 23 condenseries.

Capital Invested

The total capital invested was $28,388,026. Comprised under this head were: land and buildings, valued at $10,535,122; machinery and tools, $9,282,799 products on hand, $2,105,635; fuel and supplies on hand, $1,665,872; and cash and operating accounts, $4,798,598. The total amount invested in creameries was $12,954,878; in cheese factories, $5,121,569; in combined butter and cheese factories, $3,882,766; and in condenseries, $6,428,813. The following table shows by provinces the number of establishments and the total capital invested in dairy factories in the years 1917, 1918 and 1919.

9. Capital Invested in Dairy Factories, 1917, 1918 and 1919

Province	Establishments			Capital invested		
	1917	1918	1919	1917	1918	1919
	no.	no.	no.	$	$	$
Prince Edward Island	40	37	38	167,159	139,341	160,510
Nova Scotia	27	26	25	264,912	328,033	425,018
New Brunswick	41	42	41	118,232	138,156	165,586
Quebec	1,976	1,954	1,868	5,585,538	5,959,989	6,309,475
Ontario	1,135	1,126	1,121	8,395,483	11,085,053	14,574,996
Manitoba	64	59	56	1,630,339	1,762,210	2,086,974
Saskatchewan	31	39	43	859,975	936,903	1,128,745
Alberta	73	61	58	1,538,965	1,941,454	2,341,569
British Columbia	31	29	32	1,067,398	840,481	1,195,153
Total	**3,418**	**3,373**	**3,282**	**19,628,001**	**23,131,620**	**28,388,026**

Employees and Wages

For all provinces excepting Quebec, persons employed in dairy factories are classified as "employees on salaries" and "employees on wages". Under the first heading are given superintendents and managers (including head butter or cheese makers), clerks, stenographers, etc., and under the second heading, assistant butter and cheese makers and other factory helpers. For Quebec no distinction is made between salaried workers and wage-earners, and the statistics for that province are shown in the main tables in the columns headed "Total of employees and of salaries and wages." In 1919 the total number of employees was 10,716, comprising 3,567 on salaries, 4,264 on wages, and 2,885 unclassified for Quebec. The total amount paid to all employees was $7,629,997, comprising $2,839,272 in salaries, $3,386,051 in wages, and $1,404,674 for Quebec. An increase of 561 over the preceding year is recorded in the number of employees, and an increase of $1,408,540 in salaries and wages paid. Table 10 shows, by provinces, the numbers of establishments and employees and the amounts paid in salaries and wages in 1919 and the two preceding years.

10. Employees, and Salaries and Wages, 1917, 1918 and 1919

Province	Establishments			Employees			Salaries and Wages		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	no.	no.	no.	no.	no.	no.	$	$	$
Prince Edward Island...	40	37	38	131	105	105	36,752	37,852	45,673
Nova Scotia.....	27	26	25	97	105	131	52,783	59,209	80,700
New Brunswick.....	41	42	41	99	120	126	41,784	66,195	77,985
Quebec.....	1,976	1,954	1,868	3,037	2,856	2,885	1,045,688	1,196,256	1,404,674
Ontario.....	1,135	1,126	1,121	4,884	4,967	5,264	2,586,706	3,154,655	3,900,535
Manitoba.....	64	59	56	640	637	690	529,841	592,891	766,281
Saskatchewan.....	31	39	43	291	388	453	225,448	297,080	389,421
Alberta.....	73	61	58	847	654	732	637,503	510,627	657,938
British Columbia.....	31	29	32	320	323	330	290,841	306,692	306,790
Total.....	**3,418**	**3,373**	**3,282**	**10,346**	**10,155**	**10,716**	**5,447,346**	**6,221,457**	**7,629,997**

Fuel Used and Power Employed

Fuel.—The total value of all fuel used in dairy factories in 1919 was $1,200,406. The principal items were coal, 89,068 tons, valued at $640,193, and wood, 133,280 cords, valued at $503,534. Gas and gasoline were used to the values of $19,832 and $18,787, respectively.

Power.—Nearly all the motive power used in dairy factories in 1919 was furnished by electricity (6,659 horse-power) and steam, (5,735 horse-power), Table V of the main tables gives, by counties and districts, the power employed according to the classifications of "steam" "electric" and "other". Table VII gives, by provinces, details of the various kinds of motive power. It should be noted that for all provinces except Quebec, the number of engines and motors, the horse-power according to manufacturers' rating, and the horse power used, are given, while for Quebec the latter item only is available.

Total Expenditure and Total Value of Products

The expenditure for the operation of the factories in 1919 was $128,556,744, including salaries and wages, $7,629,997; amounts paid to patrons, $107,412,542; fuel, $1,200,406; supplies and containers, $6,517,180; and miscellaneous items, $5,796,619. The total value of products was $135,196,602, comprising butter, $56,371,985; cheese, $44,586,168; condensed products, $13,930,513; whole milk and cream, $15,488,752; and sundry, $4,819,184. For 1918 the expenses totalled $101,364,912, and the products were valued at $107,340,850.

Exports and Imports of Canadian Dairy Products

The quantity of butter exported during the fiscal year ended March 31, 1920, was 17,612,605 pounds, valued at $9,844,359; of cheese, 126,395,777 pounds, valued at $36,336,863; of milk and cream, condensed, canned or preserved, 54,247,498 pounds, valued at $8,517,771; of fresh milk, 1,985,113 gallons, valued at $576,666; and of fresh cream, 795,780, gallons valued at $1,122,424, a total value of exports of dairy products of $56,398,083. The imports of butter and cheese during the same period were small, being 397,955 pounds of butter, valued at $176,994, and 362,693 pounds of cheese, valued at $206,500.

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I. General Summary of Statistics of Dairy Factories, 1919
I. Résumé de la statistique de l'industrie laitière, 1919

A Creameries—Beurreries

	Province and County or District — Provinces et Comtés ou Districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel des appointements et des salaires	
		no.	$	no.	$	no.	$	no.	$
	CANADA	**1,018**	**12,954,878**	**1,100**[1]	**1,257,872**[1]	**2,471**[1]	**2,258,024**[1]	**4,633**[1]	**4,069,195**[1]
	Prince Edward Island—Ile du Pr. Edouard	**10**	**48,083**	**19**	**10,564**	**4**	**1,220**	**23**	**11,784**
1	Kings	1	2,263	2	355	–	–	2	355
2	Prince	4	25,737	8	6,058	–	–	8	6,058
3	Queens	5	20,083	9	4,151	4	1,220	13	5,371
	Nova Scotia—Nouvelle-Ecosse	**22**	**262,553**	**40**	**29,044**	**45**	**19,703**	**85**	**48,747**
4	Annapolis	1	5,000	2	1,400	–	–	2	1,400
5	Antigonish	4	31,536	7	3,766	6	2,010	13	5,776
6	Colchester	3	35,650	7	4,936	6	2,405	13	7,341
7	Cumberland	2	22,182	4	3,080	11	3,724	15	6,804
8	Digby	2	6,400	3	1,020	–	–	3	1,020
9	Halifax	1	10,229	1	1,400	3	1,200	4	2,600
10	Hants	1	6,150	1	720	1	300	2	1,020
11	Inverness	1	8,150	1	900	1	240	2	1,140
12	Kings	2	26,275	3	2,300	5	1,850	8	4,150
12	Lunenburg	1	20,188	2	1,560	3	2,390	5	3,950
14	Pictou	2	67,839	6	5,520	5	3,297	11	8,817
15	Victoria	1	8,570	1	900	1	458	2	1,358
16	Yarmouth	1	14,384	2	1,542	3	1,829	5	3,371
	New Brunswick—Nouveau-Brunswick	**17**	**138,339**	**38**	**31,639**	**49**	**32,358**	**87**	**63,997**
17	Albert	1	1,100	1	290	–	–	1	290
18	Carleton	1	4,500	1	1,600	7	1,800	8	3,400
19	Kent	1	2,000	1	500	–	–	1	500
20	Kings	4	25,370	6	4,142	6	4,500	12	8,642
21	Madawaska	3	19,414	5	1,587	2	610	7	2,197
22	St. John	4	55,810	16	16,520	34	25,448	50	41,968
23	Westmorland	3	30,145	8	7,000	–	–	8	7,000
	Quebec	**631**	**2,567,078**	–[1]	–[1]	–[1]	–[1]	[1]**1,062**	**553,299**[1]
24	Bagot	27	101,100	–	–	–	–	43	23,428
25	Beauce	21	89,915	–	–	–	–	32	15,268
26	Beauharnois	1	4,800	–	–	–	–	7	3,215
27	Bellechasse	15	57,052	–	–	–	–	35	8,861
28	Berthier	20	45,725	–	–	–	–	28	12,719
29	Bonaventure	11	52,500	–	–	–	–	13	4,817
30	Brome	15	102,000	–	–	–	–	37	29,152
31	Champlain	7	28,987	–	–	–	–	13	5,460
32	Charlevoix	1	6,625	–	–	–	–	2	700
33	Châteauguay	10	37,700	–	–	–	–	18	8,481
34	Chicoutimi	1	4,500	–	–	–	–	2	1,920
35	Compton	13	93,425	–	–	–	–	19	12,591
36	Deux-Montagnes	15	53,660	–	–	–	–	20	9,649
37	Dorchester	9	56,615	–	–	–	–	16	6,762
38	Drummond	4	5,600	–	–	–	–	4	2,272
39	Frontenac	14	53,327	–	–	–	–	16	8,152
40	Gaspé	2	11,324	–	–	–	–	2	1,215
41	Hull	1	3,000	–	–	–	–	2	1,050
42	Huntingdon	7	28,500	–	–	–	–	12	8,118
43	Iberville	7	30,775	–	–	–	–	14	7,188
44	Jacques-Cartier	1	3,000	–	–	–	–	1	500
45	Joliette	35	121,250	–	–	–	–	56	29,038
46	Kamouraska	4	13,460	–	–	–	–	9	3,302
47	Labelle	5	14,000	–	–	–	–	6	2,702
48	Laprairie	2	9,000	–	–	–	–	4	3,010
49	L'Assomption	20	62,050	–	–	–	–	29	10,268
50	Laval	2	4,000	–	–	–	–	1	725
51	Lévis	4	20,400	–	–	–	–	5	2,163
52	L'Islet	14	47,827	–	–	–	–	20	8,233
53	Lotbinière	33	146,450	–	–	–	–	52	21,511
54	Maskinongé	14	50,800	–	–	–	–	19	11,860
55	Matane	15	79,091	–	–	–	–	29	11,322
56	Mégantic	7	15,610	–	–	–	–	9	3,871
57	Missisquoi	17	98,650	–	–	–	–	40	30,851
58	Montcalm	16	55,550	–	–	–	–	28	14,455
59	Montmagny	12	48,431	–	–	–	–	20	8,141
60	Montmorency	11	34,100	–	–	–	–	18	7,356
61	Montréal	3	–	–	–	–	–	21	27,822

[1] Quebec employees shown only in column headed "Total of employees and of salaries and Wages."—[1] Le personnel de la province de Québec ne figure que dans la colonne intitulée "Total du personnel des appointements et des salaires".

I. General Summary of Statistics of Dairy Factories, 1919—con.
I. Résumé de la statistique de l'industrie laitière, 1919—suite

A. Creameries—Beurreries

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisée	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits: Butter — Beurre	Value of Products — Valeur des produits: Other — Autres	Value of Products — Valeur des produits: Total	
$	$	$	$	$	$	$	$	$	
51,443,170	**405,527**	**508,275**[1]	**598,225**[1]	**2,777,544**	**59,801,936**	**49,679,578**	**13,276,297**[1]	**62,955,875**	
367,177	**2,057**	**776**	**8,921**	**6,780**	**397,495**	**400,693**	**1,520**	**402,213**	
1,726	76	83	26	11	2,277	2,321	–	2,321	1
174,606	557	340	2,832	2,980	187,373	189,196	754	189,950	2
190,845	1,424	353	6,063	3,789	207,845	209,176	766	209,942	3
1,163,034	**9,077**	**5,930**	**11,876**	**39,954**	**1,278,618**	**1,183,762**	**158,330**	**1,342,092**	
23,320	275	–	400	880	26,275	26,320	–	26,320	4
129,645	948	462	2,171	4,208	143,210	129,844	19,785	149,629	5
137,773	1,788	465	550	2,923	150,840	104,460	66,791	171,251	6
75,764	708	3,031	1,000	5,294	92,601	66,316	34,614	100,930	7
15,998	190	–	275	562	18,045	17,578	599	18,177	8
65,518	1,315	385	756	3,331	73,905	77,300	521	77,821	9
50,000	175	200	300	1,287	52,982	55,000	400	55,400	10
23,762	122	–	688	1,336	27,048	29,043	123	29,166	11
89,400	755	950	100	3,250	98,605	96,250	3,640	99,890	12
108,741	837	437	930	5,004	119,899	111,410	18,319	129,729	13
301,424	1,252	–	3,052	8,791	323,336	316,959	8,310	325,269	14
28,013	382	–	364	977	31,094	32,956	296	33,252	15
113,676	330	–	1,290	2,111	120,778	120,326	4,932	125,258	16
580,619	**4,557**	**10,895**	**6,613**	**22,914**	**689,595**	**503,714**	**313,698**	**817,412**	
4,939	62	7	67	40	5,405	5,411	–	5,411	17
14,003	200	600	150	1,968	20,321	15,045	5,441	20,486	18
6,272	52	–	150	–	6,974	7,667	–	7,667	19
106,714	1,068	2,195	802	1,221	120,642	111,947	38,100	150,047	20
48,487	785	673	674	1,585	54,401	53,979	–	53,979	21
187,145	1,800	4,475	2,270	14,023	251,681	73,490	267,057	340,547	22
213,059	590	2,945	2,500	4,077	230,171	236,175	3,100	239,275	23
15,979,246	**132,730**	[1]	[1]	**522,115**	**17,187,390**	**16,957,549**	**–**	**16,957,549**	
643,079	7,175	–	–	13,899	687,581	692,936	–	692,936	24
365,314	4,672	–	–	11,816	397,070	407,946	–	407,946	25
111,985	–	–	–	6,677	121,877	125,242	–	125,242	26
286,353	3,097	–	–	9,504	307,815	315,823		315,823	27
317,005	4,340	–	–	12,435	346,499	363,194	–	363,194	28
137,648	1,749	–	–	5,945	150,159	155,179	–	155,179	29
990,130	1,699	–	–	32,340	1,053,321	745,122	–	745,122	30
111,277	1,576	–	–	5,016	123,329	124,227	–	124,227	31
10,229	300	–	–	800	12,029	12,034	–	12,034	32
293,058	2,741	–	–	5,959	310,239	320,100	–	320,100	33
9,769	300	–	–	250	12,239	3,380	–	3,380	34
564,071	2,032	–	–	18,180	596,874	613,101	–	613,101	35
277,306	3,168	–	–	7,259	297,382	300,448	–	300,448	36
312,158	3,461	–	–	7,927	330,308	337,101	–	337,101	37
50,284	378	–	–	1,096	54,030	54,218	–	54,218	38
242,884	2,465	–	–	8,816	262,317	290,603	–	290,603	39
38,261	243	–	–	1,140	40,859	43,522	–	43,522	40
33,991	200	–	–	842	36,083	37,323	–	37,323	41
304,870	2,140	–	–	7,418	322,546	326,104	–	326,104	42
242,788	2,201	–	–	5,926	258,103	259,310	–	259,310	43
8,000	213	–	–	200	8,913	8,800	–	8,800	44
570,544	7,772	–	–	32,760	640,114	658,304	–	658,304	45
117,309	1,525	–	–	3,026	125,162	126,302	–	126,302	46
74,941	734	–	–	3,108	81,485	82,156	–	82,156	47
85,544	1,288	–	–	1,305	91,147	91,898	–	91,898	48
364,885	4,575	–	–	7,564	387,292	381,882	–	381,882	49
14,565	129	–	–	298	15,717	15,045	–	15,045	50
66,564	674	–	–	3,293	72,694	71,594	–	71,594	51
204,539	2,490	–	–	9,020	224,282	236,165	–	236,165	52
698,069	8,479	–	–	30,279	758,338	786,348	–	786,348	53
162,499	2,475	–	–	8,422	185,256	193,371	–	193,371	54
318,801	3,258	–	–	9,400	342,781	349,566	–	349,566	55
149,687	679	–	–	4,102	158,339	161,483	–	161,483	56
925,879	685	–	–	16,625	974,040	798,256	–	798,256	57
309,850	3,811	–	–	8,463	336,579	335,184	–	335,184	58
226,339	2,092	–	–	6,993	243,565	252,504	–	252,504	59
167,613	2,199	–	–	3,795	180,963	183,449	–	183,449	60
486,518	2,833	–	–	5,173	522,346	523,364	–	523,364	61

[1] Quebec is included under the head "Miscellaneous Expenses."—En ce qui concerne la province de Québec, ceci figure dans la colonne "Dépenses diverses."

I. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

	Province and County or District — Provinces et Comtés ou Districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
		no.	$	no.	$	no.	$	no.	$
	Québec—concluded—fin.								
1	Napierville	3	10,800	–	–	–	–	5	2,750
2	Nicolet	6	21,650	–	–	–	–	8	4,120
3	Pontiac	3	10,200	–	–	–	–	6	5,097
4	Portneuf	22	73,000	–	–	–	–	41	23,104
5	Richelieu	7	35,070	–	–	–	–	11	4,550
6	Richmond	8	26,255	–	–	–	–	10	6,802
7	Rimouski	5	23,395	–	–	–	–	11	4,685
8	Rouville	8	41,250	–	–	–	–	19	10,876
9	Shefford	33	142,725	–	–	–	–	51	32,250
10	Sherbrooke	2	10,310	–	–	–	–	2	1,285
11	Soulanges	7	20,020	–	–	–	–	11	4,205
12	Stanstead	15	130,644	–	–	–	–	34	21,006
13	St-Hyacinthe	1	2,800	–	–	–	–	2	915
14	St-Jean	4	15,200	–	–	–	–	7	3,281
15	St-Maurice	20	71,675	–	–	–	–	29	11,195
16	Témiscamingue	7	18,900	–	–	–	–	12	7,100
17	Témiscouata	29	121,780	–	–	–	–	50	18,470
18	Terrebonne	19	50,340	–	–	–	–	24	10,900
19	Vaudreuil	5	11,635	–	–	–	–	5	2,705
20	Verchères	7	28,900	–	–	–	–	17	7,580
21	Wolfe	3	7,300	–	–	–	–	4	1,975
22	Yamaska	1	2,430	–	–	–	–	1	300
	Ontario	**179**	**4,715,782**	**497**	**568,437**	**1,200**	**1,148,936**	**1,697**	**1,717,373**
23	Brant	4	120,546	12	12,153	20	15,520	32	27,673
24	Bruce	9	145,363	22	18,683	28	17,235	50	35,918
25	Carleton	4	734,719	42	105,023	296	400,572	338	505,595
26	Dufferin	3	69,288	6	7,664	15	8,376	21	16,040
27	Durham	2	11,500	6	1,463	3	1,250	9	2,713
28	Elgin	4	74,850	7	8,150	6	4,470	13	12,620
29	Essex	4	67,266	6	5,925	14	13,578	20	19,503
30	Grenville	1	11,472	2	1,790	4	1,945	6	3,735
31	Grey	8	76,701	24	19,833	12	6,131	36	25,964
32	Haldimand	9	156,008	17	16,917	20	11,081	37	27,998
33	Halton	3	31,710	7	6,874	5	4,300	12	11,174
34	Hastings	5	113,642	13	15,996	36	17,542	49	33,538
35	Huron	11	136,030	23	23,545	28	12,156	51	35,701
36	Kent	6	35,907	8	6,112	11	5,256	19	11,368
37	Lambton	6	159,934	20	17,831	42	26,695	62	44,526
38	Lanark	2	20,900	4	5,536	4	2,700	8	8,236
39	Leeds	1	143,800	10	11,875	3	2,311	13	14,186
40	Lennox & Addington	1	–	1	1,320	2	831	3	2,151
41	Lincoln	4	68,232	6	6,830	20	20,203	26	27,033
42	Middlesex	9	288,713	28	31,478	39	31,518	67	62,996
43	Nipissing	2	29,145	5	4,660	2	507	7	5,167
44	Norfolk	6	99,910	12	13,780	10	7,275	22	21,055
45	Northumberland	4	50,032	5	5,360	11	7,509	16	12,869
46	Ontario	6	60,849	13	13,314	11	7,490	24	20,804
47	Parry Sound	1	4,630	1	600	1	300	2	900
48	Perth	10	127,437	23	22,166	30	16,977	53	39,143
49	Peterborough	3	150,557	13	14,462	33	24,685	46	39,147
50	Prince Edward	1	6,500	3	2,700	–	–	3	2,700
51	Rainy River	1	4,774	1	1,200	2	1,600	3	2,800
52	Renfrew	5	45,009	7	7,380	11	4,734	18	12,114
53	Simcoe	7	70,006	13	12,401	15	5,426	28	17,827
54	Stormont	1	15,919	3	4,137	4	1,648	7	5,785
55	Victoria	6	64,680	20	19,303	21	11,921	41	31,224
56	Haliburton	1/							
57	Waterloo	7	88,659	15	16,389	22	17,810	37	34,199
58	Welland	3	48,106	5	3,950	10	6,300	15	10,250
59	Wellington	6	140,574	17	14,973	28	14,944	45	29,917
60	Wentworth	4	416,202	26	25,328	130	119,806	156	145,134
61	York	9	826,212	51	61,336	251	296,334	302	357,670
	Manitoba	**44**	**2,047,459**	**161**	**217,151**	**511**	**541,315**	**672**	**758,466**
62	Brandon	6	268,991	26	31,489	40	26,181	66	57,670
63	Dauphin	5	95,143	14	16,123	14	6,905	28	23,028
64	Lisgar	2	10,181	3	2,400	5	560	8	2,960
65	Macdonald	2	10,087	3	2,500	1	300	4	2,800
66	Marquette	6	104,915	13	16,745	19	10,908	32	27,653

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A. Creameries—Beurreries

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits			
						Butter — Beurre	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	
65,293	565	–	–	1,829	70,437	70,708	–	70,708	1
127,484	1,875	–	–	3,722	137,201	139,132	–	139,132	2
122,839	1,182	–	–	3,298	132,416	141,022	–	141,022	3
375,580	6,844	–	–	13,225	418,753	439,199	–	439,199	4
174,585	1,480	–	–	6,722	187,337	185,748	–	185,748	5
162,231	1,243	–	–	5,521	175,797	176,207	–	176,207	6
177,190	1,400	–	–	7,462	190,737	191,122	–	191,122	7
297,526	2,273	–	–	9,164	319,839	315,394	–	315,394	8
1,505,562	4,965	–	–	28,422	1,571,199	1,597,251	–	1,597,251	9
35,514	85	–	–	591	37,475	38,329	–	38,329	10
131,144	767	–	–	2,315	138,431	142,542	–	142,542	11
660,091	3,066	–	–	61,660	745,823	698,416	–	698,416	12
17,452	240	–	–	350	18,957	18,843	–	18,843	13
64,977	1,032	–	–	1,008	70,298	74,227	–	74,227	14
236,365	2,879	–	–	8,633	259,072	278,029	–	278,029	15
140,832	1,727	–	–	5,796	155,455	157,403	–	157,403	16
764,863	7,001	–	–	30,159	820,493	826,135	–	826,135	17
272,260	1,790	–	–	5,937	290,887	305,279	–	305,279	18
59,743	505	–	–	1,373	64,326	65,515	–	65,515	19
219,200	1,594	–	–	5,740	234,114	235,451	–	235,451	20
67,630	300	–	–	2,117	72,022	72,245	–	72,245	21
6,279	69	–	–	–	6,648	6,768	–	6,768	22
19,111,856	**118,119**	**232,477**	**294,504**	**1,022,051**	**22,496,380**	**17,243,316**	**6,637,089**	**23,880,405**	
406,695	4,532	25,651	2,400	30,692	497,643	433,734	91,277	525,011	23
1,026,235	4,726	298	10,053	43,704	1,120,934	1,171,970	2,738	1,174,708	24
1,899,102	16,869	5,865	11,638	123,617	2,562,686	533,477	2,252,498	2,785,975	25
401,141	1,907	775	6,333	14,028	440,224	446,342	1,437	447,779	26
70,001	851	196	512	1,938	76,211	81,759	166	81,925	27
232,496	1,487	500	3,884	6,900	257,887	255,644	1,350	256,994	28
112,432	697	3,124	950	8,338	145,044	46,740	114,930	161,670	29
85,534	950	495	1,323	5,716	97,753	89,400	7,563	96,963	30
665,125	3,077	1,711	10,615	38,308	744,800	769,041	4,481	773,522	31
945,795	2,281	2,267	15,989	33,301	1,027,631	1,038,657	65,650	1,104,307	32
294,063	1,356	206	1,120	589	308,508	322,498	76	322,574	33
489,833	1,309	5,125	3,714	30,221	563,740	479,584	109,874	589,458	34
1,125,398	7,800	4,657	19,390	48,805	1,241,751	1,262,561	11,232	1,273,793	35
116,891	855	50	2,720	12,495	144,379	143,735	11,747	155,482	36
597,637	6,782	15,947	4,257	44,915	714,064	628,988	144,799	773,787	37
117,665	1,650	115	1,005	1,746	130,417	105,781	46,192	151,973	38
131,108	1,087	538	686	703	148,308	123,121	27,488	150,609	39
71,006	–	–	1,000	6,001	80,158	84,584	300	84,884	40
323,075	2,349	–	2,835	26,101	381,393	306,354	93,270	399,624	41
1,242,585	7,540	10,460	42,219	48,096	1,413,896	1,260,291	312,190	1,572,481	42
104,389	500	–	2,043	2,708	114,807	117,459	742	118,201	43
431,261	2,529	2,560	5,749	19,136	482,290	501,512	4,997	506,509	44
291,550	1,871	1,977	4,394	13,877	326,538	298,272	63,003	361,275	45
423,382	3,031	253	5,885	27,813	481,168	495,686	1,018	496,704	46
29,909	150	600	350	1,639	33,548	35,283	808	36,091	47
679,072	5,597	6,444	9,925	29,602	769,783	689,974	109,400	799,374	48
248,150	6,164	87,959	38,604	60,872	480,896	130,530	363,150	493,680	49
47,985	500	–	500	850	52,535	28,921	29,005	57,926	50
14,618	310	34	206	1,373	19,341	13,960	3,169	17,129	51
303,574	1,796	127	5,488	4,842	327,941	339,617	12,079	351,696	52
442,563	1,888	2,096	7,223	18,483	490,080	487,754	13,292	501,046	53
110,026	739	1,223	2,139	7,556	127,468	95,998	39,568	135,566	54
551,480	1,808	943	9,443	34,208	629,106	642,998	3,584	646,582	55
									56
631,098	3,215	3,775	6,285	27,326	705,898	671,803	61,178	732,981	57
152,080	1,373	4,850	3,170	8,916	180,639	152,721	45,930	198,651	58
1,002,164	2,317	30,631	11,494	45,057	1,121,580	1,134,200	42,019	1,176,219	59
550,658	3,924	5,411	22,983	34,568	762,678	114,168	705,271	819,439	60
2,744,080	12,302	5,614	15,980	157,011	3,292,657	1,708,199	1,839,618	3,547,817	61
4,817,568	**62,411**	**119,551**	**114,737**	**491,515**	**6,364,248**	**4,350,693**	**2,579,727**	**6,930,420**	
903,708	5,778	48,808	27,019	55,432	1,098,415	1,080,912	114,092	1,195,004	62
273,728	1,449	2,771	5,319	30,266	336,561	346,895	19,516	366,411	63
81,971	409	125	1,114	2,252	88,831	97,114	12	97,126	64
57,390	519	123	1,038	1,339	63,209	66,443	230	66,673	65
543,450	5,734	8,678	14,137	21,316	620,968	628,809	18,665	647,474	66

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	Province and County or District — Provinces et Comtés ou Districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
	Manitoba—concluded—fin.	no.	$	no.	$	no.	$	no.	$
1	Neepawa	2	26,400	4	6,780	3	1,020	7	7,800
2	Nelson	1	5,398	1	800	2	605	3	1,405
3	Provencher	1	8,273	1	900	–	–	1	900
4	Selkirk	7	75,658	15	13,856	9	7,589	24	21,445
5	Souris	5	53,171	11	11,757	6	2,290	17	14,047
6	Springfield	1	49,997	4	6,168	7	4,198	11	10,366
7	Winnipeg	6	1,339,245	66	107,633	405	480,759	471	588,392
	Saskatchewan	**42**	**1,126,045**	**139**	**148,304**	**313**	**240,652**	**452**	**388,956**
8	Assiniboia	5	85,559	13	16,021	10	2,956	23	18,977
9	Battleford	4	40,279	5	5,950	6	2,554	11	8,504
10	Humboldt	7	60,975	11	16,312	18	12,620	29	28,932
11	Kindersley	2	14,075	3	2,496	1	1,624	4	4,120
12	Mackenzie	4	50,613	11	11,137	18	8,387	29	19,524
13	Moose Jaw	2	355,546	40	24,660	68	54,621	108	79,281
14	North Battleford	3	33,328	5	4,565	5	1,558	10	6,123
15	Prince Albert	6	122,043	14	16,834	29	17,922	43	34,756
16	Qu'Appelle	1	5,505	1	1,500	1	190	2	1,690
17	Regina	1	75,924	10	14,700	76	70,143	86	84,843
18	Saltcoats	3	20,636	4	5,006	8	3,411	12	8,417
19	Saskatoon	3	234,233	20	24,923	70	63,466	90	88,389
20	Swift Current	1	27,329	2	4,200	3	1,200	5	5,400
	Alberta	**48**	**1,249,101**	**140**	**174,501**	**183**	**137,323**	**323**	**311,824**
21	Battle River	4	42,745	10	13,500	7	3,942	17	17,442
22	Bow River	4	18,153	7	4,935	3	555	10	5,490
23	Calgary	7	551,746	29	44,721	55	52,633	84	97,354
24	Edmonton	6	263,583	34	35,762	42	26,504	76	62,266
25	Lethbridge	4	140,299	13	15,801	23	18,597	36	34,398
26	Macleod	1	7,590	2	1,240	–	–	2	1,240
27	Medicine Hat	1	99,611	9	13,860	13	9,300	22	23,160
28	Red Deer	14	56,478	21	26,203	22	11,410	43	37,613
29	Strathcona	1	–	1	600	–	–	1	600
30	Victoria	6	68,896	14	17,879	18	14,382	32	32,261
	British Columbia—Colombie Britannique	**25**	**800,438**	**66**	**78,232**	**166**	**136,517**	**232**	**214,749**
31	Cariboo	3	19,048	3	4,840	4	2,025	7	6,865
32	Comox-Alberni	1	25,256	2	2,850	1	1,090	3	3,940
33	Kootenay (West)	1	33,603	2	2,520	5	2,900	7	5,420
34	Nanaimo	3	14,043	7	7,719	2	2,551	9	10,270
35	New Westminster	3	18,556	5	4,300	12	12,900	17	17,200
36	Vancouver	7	598,532	30	37,156	114	92,936	144	130,092
37	Victoria	2	35,002	8	8,457	16	11,425	24	19,882
38	Westminster	1	15,412	1	1,830	6	7,203	7	9,033
39	Yale	4	40,986	8	8,560	6	3,487	14	12,047

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						Butter — Beurre	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	
103,500	1,900	–	2,250	3,590	119,040	121,250	18,750	140,000	1
25,379	353	388	464	2,304	30,293	35,378	285	35,663	2
4,643	64	–	136	359	6,102	5,167	8	5,175	3
433,389	3,223	1,513	13,005	11,839	484,414	488,206	15,515	503,721	4
289,843	3,488	1,108	7,655	10,121	326,262	334,631	186	334,817	5
147,049	447	147	2,720	5,291	166,020	173,040	263	173,303	6
1,953,518	39,047	55,890	39,880	347,406	3,024,133	972,848	2,392,205	3,365,053	7
3,373,317	**34,901**	**96,858**	**52,686**	**281,538**	**4,228,256**	**3,495,172**	**1,535,678**	**5,030,850**	
304,458	1,091	388	6,398	22,493	353,805	306,899	78,516	385,415	8
212,519	1,903	3,564	2,726	9,899	239,115	264,634	8,658	273,292	9
436,442	4,522	3,054	10,355	22,029	505,334	573,296	1,029	574,325	10
133,510	798	1,035	1,807	8,946	150,216	179,503	468	179,971	11
331,052	2,766	9,956	5,419	25,807	394,524	425,338	25,098	450,436	12
416,941	4,840	17,811	1,937	54,046	574,856	411,879	308,501	720,380	13
118,662	1,304	960	1,778	7,001	135,828	155,223	826	156,049	14
369,184	2,821	10,600	4,918	22,725	445,004	395,921	104,148	500,069	15
29,224	577	267	408	2,133	34,299	37,187	1,075	38,262	16
430,806	5,930	15,420	5,000	35,108	577,107	293,607	535,447	829,054	17
169,396	1,841	1,143	1,763	12,099	194,659	215,203	1,722	216,925	18
342,990	6,328	32,660	7,827	54,762	532,956	131,780	469,984	601,764	19
78,133	180	–	2,350	4,490	90,553	104,702	206	104,908	20
4,017,669	**26,204**	**29,627**	**93,459**	**291,457**	**4,770,240**	**4,538,993**	**483,104**	**5,022,097**	
354,017	2,681	1,473	7,727	24,386	407,726	430,837	3,705	434,542	21
109,915	1,926	1,142	3,121	2,995	125,389	120,775	6,855	127,630	22
1,097,841	4,264	1,720	29,819	51,840	1,282,838	1,120,812	191,965	1,312,777	23
1,027,246	4,497	11,162	17,315	95,941	1,218,427	1,246,321	14,256	1,260,577	24
213,268	2,364	2,364	10,510	18,626	281,530	186,384	134,788	321,172	25
9,824	477	–	176	214	11,931	11,386	42	11,428	26
71,258	309	32	384	4,097	99,240	35,460	104,936	140,396	27
598,824	7,095	10,100	12,537	55,377	721,546	739,559	13,938	753,497	28
19,250	160	–	300	662	20,972	21,000	–	21,000	29
516,226	2,431	834	11,570	37,319	600,641	626,459	12,619	639,078	30
2,032,684	**15,471**	**12,161**	**15,429**	**99,220**	**2,389,714**	**1,005,686**	**1,567,151**	**2,572,837**	
94,865	564	1,108	737	9,811	113,950	111,963	4,132	116,095	31
82,081	187	361	922	2,811	90,302	96,637	2,222	98,859	32
35,495	409	2,125	350	1,567	45,366	33,441	20,670	54,111	33
151,173	1,150	–	2,220	4,289	169,102	177,214	702	177,916	34
70,739	856	3,921	599	2,635	95,950	40,655	61,232	101,887	35
1,094,792	7,640	1,354	4,500	56,019	1,294,397	370,188	1,034,361	1,404,549	36
124,081	1,190	5	4,000	4,996	154,154	28,042	139,614	167,656	37
248,161	2,045	1,311	–	11,825	272,375	–	290,117	290,117	38
131,297	1,430	1,976	2,101	5,267	154,118	147,546	14,101	161,647	39

I. General Summary of Statistics of Dairy Factories, 1919—con.
I. Résumé de la statistique de l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromageries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
		no.	$	no	$	no.	$	no.	$
	CANADA	**1,787**	**5,121,569**	**1,876**[1]	**901,337**[1]	**472**[1]	**160,405**[1]	**3,415**[1]	**1,539,866**[1]
	Prince Edward Island—Ile du P.-E.	**20**	**52,571**	**39**	**12,183**	**13**	**2,333**	**52**	**14,516**
1	Kings	6	11,770	11	2,151	–	–	11	2,151
2	Prince	8	24,296	16	6,358	10	1,901	26	8,259
3	Queens	6	16,505	12	3,674	3	432	15	4,106
	Nova Scotia—Nouvelle-Ecosse	**1**	**963**	**3**	**640**	**–**	**–**	**3**	**640**
4	Cumberland	1	963	3	640	–	–	3	640
	New Brunswick—Nouveau-Brunswick	**24**	**27,247**	**34**	**12,878**	**5**	**1,110**	**39**	**13,988**
5	Gloucester	1	2,250	1	340	–	–	1	340
6	Kings	16	18,997	24	9,743	5	1,110	29	10,853
7	Madawaska	4	3,800	5	1,450	–	–	5	1,450
8	Westmorland	3	2,200	4	1,345	–	–	4	1,345
	Québec	**833**	**1,889,935**	–[1]	–[1]	–[1]	–[1]	**1,067**[1]	**478,124**[1]
9	Argenteuil	35	52,688	–	–	–	–	41	17,340
10	Arthabaska	43	99,285	–	–	–	–	86	32,060
11	Bagot	1	1,500	–	–	–	–	2	520
12	Beauce	66	77,152	–	–	–	–	73	32,219
13	Beauharnois	9	11,200	–	–	–	–	10	3,544
14	Bellechasse	3	18,817	–	–	–	–	4	1,693
15	Berthier	3	4,775	–	–	–	–	5	1,200
16	Bonaventure	2	3,300	–	–	–	–	3	705
17	Brome	1	900	–	–	–	–	1	600
18	Chambly	4	8,950	–	–	–	–	2	1,825
19	Champlain	20	40,355	–	–	–	–	23	9,163
20	Charlevoix	29	49,785	–	–	–	–	31	10,770
21	Châteauguay	4	8,000	–	–	–	–	10	3,018
22	Chicoutimi	46	183,089	–	–	–	–	53	28,125
23	Compton	4	8,290	–	–	–	–	4	2,069
24	Deux-Montagnes	2	4,882	–	–	–	–	4	1,280
25	Dorchester	44	98,852	–	–	–	–	54	21,764
26	Drummond	16	21,700	–	–	–	–	18	8,056
27	Frontenac	28	44,200	–	–	–	–	28	14,949
28	Hull	21	27,750	–	–	–	–	24	10,270
29	Huntingdon	5	7,200	–	–	–	–	6	2,860
30	Iberville	4	7,500	–	–	–	–	6	2,502
31	Joliette	5	5,000	–	–	–	–	5	1,797
32	Kamouraska	11	19,405	–	–	–	–	22	7,685
33	Labelle	59	109,751	–	–	–	–	68	31,031
34	Lac St-Jean	79	438,300	–	–	–	–	110	60,907
35	Lévis	4	10,350	–	–	–	–	6	2,400
36	L'Islet	5	13,067	–	–	–	–	5	2,081
37	Lotbinière	4	7,300	–	–	–	–	6	2,682
38	Maskinongé	7	7,825	–	–	–	–	7	3,550
39	Matane	16	40,002	–	–	–	–	18	7,240
40	Mégantic	40	50,670	–	–	–	–	50	21,885
41	Montcalm	5	6,650	–	–	–	–	6	3,245
42	Montmagny	5	15,558	–	–	–	–	7	2,364
43	Montmorency	3	4,800	–	–	–	–	3	1,140
44	Nicolet	18	28,516	–	–	–	–	23	9,655
45	Pontiac	2	4,650	–	–	–	–	2	980
46	Portneuf	8	12,175	–	–	–	–	8	4,040
47	Richelieu	5	7,595	–	–	–	–	6	2,267
48	Richmond	24	44,278	–	–	–	–	33	20,291
49	Rimouski	17	42,827	–	–	–	–	30	11,737
50	Rouville	15	37,215	–	–	–	–	26	11,945
51	Saguenay	8	17,599	–	–	–	–	8	6,758
52	Sherbrooke	1	2,500	–	–	–	–	2	800
53	Soulanges	1	2,050	–	–	–	–	1	585
54	St-Hyacinthe	1	1,950	–	–	–	–	1	450
55	St-Jean	1	825	–	–	–	–	1	460
56	St-Maurice	3	7,725	–	–	–	–	3	1,395
57	Témiscamingue	5	10,800	–	–	–	–	8	3,257
58	Témiscouata	5	6,745	–	–	–	–	6	1,947
59	Terrebonne	3	4,600	–	–	–	–	3	1,330
60	Vaudreuil	11	17,055	–	–	–	–	14	5,806
61	Verchères	2	3,000	–	–	–	–	2	945

[1] Quebec employees shown only in column headed "Total of employees and of salaries and wages."

[1] Le personnel de la province de Québec ne figure que dans la colonne intutilée "Total du personnel, des appointements et des salaires".

1. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromageries

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits: Cheese — Fromage	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	
34,967,138	**338,785**	**441,279**[1]	**393,273**[1]	**954,200**	**38,634,541**	**37,828,401**	**1,659,555**	**39,487,956**	
372,854	**2,476**	**7,888**	**5,216**	**21,777**	**424,727**	**432,502**	**–**	**432,502**	
32,705	264	902	450	1,640	38,112	39,196	–	39,196	1
241,148	1,571	4,768	3,259	14,336	273,341	278,891	–	278,891	2
99,001	641	2,218	1,507	5,801	113,274	114,415	–	114,415	3
11,283	**50**	**355**	**–**	**305**	**12,633**	**12,952**	**–**	**12,952**	
11,283	50	355	–	305	12,633	12,952	–	12,952	4
317,188	**1,459**	**7,011**	**4,876**	**651**	**345,173**	**349,794**	**50**	**349,844**	
5,170	64	140	50	23	5,787	5,794	–	5,794	5
260,782	1,125	5,415	4,132	564	282,871	286,980	50	287,030	6
14,452	140	511	147	47	16,747	16,995	–	16,995	7
36,784	130	945	547	17	39,768	40,025	–	40,025	8
8,818,945	**86,729**	**–**	**–**	**404 818**	**9,788,616**	**10,001,712**	**–**	**10,001,712**	
405,684	3,550	–	–	17,083	443,657	468,871	–	468,871	9
539,738	5,785	–	–	19,773	597,356	596,106	–	596,106	10
14,151	45	–	–	460	15,176	15,789	–	15,789	11
555,251	4,986	–	–	24,728	617,184	618,012	–	618,012	12
98,602	1,062	–	–	5,345	108,553	110,937	–	110,937	13
22,022	278	–	–	926	24,919	25,457	–	25,457	14
27,434	240	–	–	1,230	30,104	31,883	–	31,883	15
8,569	152	–	–	579	10,005	9,985	–	9,985	16
8,923	12	–	–	617	10,152	10,140	–	10,140	17
25,529	210	–	–	895	28,459	28,380	–	28,380	18
209,263	2,040	–	–	8,063	228,529	242,837	–	242,837	19
138,033	1,669	–	–	5,385	155,857	159,472	–	159,472	20
50,588	515	–	–	2,257	56,378	54,969	–	54,969	21
426,502	7,181	–	–	21,098	482,906	497,857	–	497,857	22
21,425	350	–	–	1,784	25,628	24,423	–	24,423	23
29,102	333	–	–	1,249	31,964	33,353	–	33,353	24
353,023	3,683	–	–	14,986	393,456	401,834	–	401,834	25
173,054	1,207	–	–	7,640	189,957	190,407	–	190,407	26
262,177	2,750	–	–	14,633	294,509	297,686	–	297,686	27
180,921	2,908	–	–	7,167	201,266	207,093	–	207,093	28
85,889	700	–	–	5,050	94,499	95,012	–	95,012	29
58,500	578	–	–	990	62,570	64,723	–	64,723	30
25,038	207	–	–	2,043	29,085	29,788	–	29,788	31
189,050	81	–	–	7,907	204,723	210,172	–	210,172	32
567,480	4,669	–	–	24,378	627,558	641,217	–	641,217	33
1,010,871	12,267	–	–	63,448	1,147,493	1,199,217	–	1,199,217	34
35,743	461	–	–	730	39,334	39,078	–	39,078	35
29,293	295	–	–	1,719	33,388	34,215	–	34,215	36
51,725	724	–	–	2,216	57,347	61,563	–	61,563	37
36,036	423	–	–	1,735	41,744	42,150	–	42,150	38
119,918	1,127	–	–	6,209	134,494	137,815	–	137,815	39
390,781	3,570	–	–	17,855	434,091	439,112	–	439,112	40
53,965	503	–	–	2,812	60,525	63,480	–	63,480	41
41,168	448	–	–	2,337	46,317	48,849	–	48,849	42
16,978	146	–	–	805	19,069	19,181	–	19,181	43
247,903	2,328	–	–	10,148	270,070	276,767	–	276,767	44
18,696	197	–	–	925	20,798	21,181	–	21,181	45
59,985	820	–	–	4,395	69,240	72,179	–	72,179	46
56,876	556	–	–	2,380	62,079	63,547	–	63,547	47
299,523	2,437	–	–	12,436	334,687	331,666	–	331,666	48
232,196	2,180	–	–	13,734	259,847	263,885	–	263,885	49
336,085	2,538	–	–	10,071	360,639	366,137	–	366,137	50
46,457	600	–	–	4,067	57,882	57,349	–	57,349	51
16,824	55	–	–	662	18,341	18,889	–	18,889	52
17,701	140	–	–	350	18,776	19,569	–	19,569	53
10,092	60	–	–	425	11,027	11,201	–	11,201	54
4,897	66	–	–	143	5,566	5,387	–	5,387	55
22,337	241	–	–	1,326	25,299	26,090	–	26,090	56
44,321	768	–	–	3,535	51,881	53,324	–	53,324	57
44,454	338	–	–	2,149	48,888	49,857	–	49,857	58
32,079	204	–	–	1,360	34,973	35,690	–	35,690	59
173,724	1,070	–	–	6,149	186,749	191,554	–	191,554	60
19,256	200	–	–	595	20,996	21,587	–	21,587	61

[1]Quebec is included under the head of "Miscellaneous Expenses."—En ce qui concerne la province de Québec, ceci figure dans la colonne "Dépenses diverses."

I. General Summary of Statistics of Dairy Factories, 1919—con.

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	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
		no.	$	no.	$	no.	$	no.	$
	Québec—concluded—fin.								
1	Wolfe	39	86,300	–	–	–	–	49	25,120
2	Yamaska	31	42,682	–	–	–	–	40	13,817
	Ontario	**888**	**2,759,965**	**1,757**	**839,545**	**407**	**122,447**	**2,164**	**961,992**
3	Algoma	3	5,009	3	1,003	1	208	4	1,211
4	Bruce	4	10,922	12	3,983	1	210	13	4,193
5	Carleton	47	137,738	77	36,442	11	2,605	88	39,047
6	Dufferin	2	1,200	2	1,250	–	–	2	1,250
7	Dundas	50	151,232	87	53,669	21	6,449	108	60,118
8	Durham	1	1,700	3	857	2	160	5	1,017
9	Elgin	45	54,545	32	16,872	16	4,895	48	21,767
10	Frontenac	66	172,671	113	55,307	34	7,852	147	63,159
11	Glengarry	67	135,661	124	50,875	16	2,688	140	53,563
12	Grenville	39	108,066	64	32,063	11	2,211	75	34,274
13	Hastings	72	237,924	190	91,552	29	10,400	219	101,952
14	Huron	4	17,837	17	5,564	1	280	18	5,844
15	Lambton	4	15,146	9	4,232	1	385	10	4,617
16	Lanark	38	100,671	88	28,857	11	1,379	99	30,236
17	Leeds	85	301,039	161	78,522	43	12,624	204	91,146
18	Lennox & Addington	32	120,108	66	37,701	32	12,794	98	50,495
19	Lincoln	1	2,000	2	840	1	140	3	980
20	Middlesex	19	96,494	36	21,375	17	5,063	53	26,438
21	Nipissing	14	23,807	22	7,657	–	–	22	7,657
22	Norfolk	6	24,032	7	3,850	3	560	10	4,410
23	Northumberland	35	99,705	107	42,978	15	5,375	122	48,353
24	Oxford	21	118,071	54	31,046	28	10,787	82	41,833
25	Perth	15	95,151	36	18,709	18	6,801	54	25,510
26	Peterborough	26	75,312	55	19,183	4	1,247	59	20,430
27	Prescott	69	155,301	106	50,460	16	4,351	122	54,811
28	Prince Edward	20	105,655	61	32,550	21	6,820	82	39,370
29	Renfrew	16	36,674	29	7,592	1	195	30	7,787
30	Russell	59	141,043	92	45,489	14	2,964	106	48,453
31	Stormont	47	157,187	80	42,852	28	8,899	108	51,751
32	Victoria	7	17,400	15	7,615	3	630	18	8,245
33	Waterloo	3	37,988	6	6,600	6	3,205	12	9,805
34	Welland	1	2,676	1	2,000	2	270	3	2,270
	Manitoba	**12**	**39,515**	**16**	**7,315**	**2**	**500**	**18**	**7,815**
35	Lisgar	1	4,000	2	460	–	–	2	460
36	Provencher	7	20,900	8	4,275	2	500	10	4,775
37	Springfield	4	14,615	6	2,580	–	–	6	2,580
	Saskatchewan	**1**	**2,700**	**1**	**465**	–	–	**1**	**465**
38	Prince Albert	1	2,700	1	465	–	–	1	465
	Alberta	**5**	**337,013**	**22**	**26,298**	**39**	**31,805**	**61**	**58,103**
39	Calgary	1	323,470	16	22,800	37	30,600	53	53,400
40	Edmonton	1	2,543	3	263	–	–	3	263
41	Lethbridge	1	2,500	1	625	1	100	2	725
42	Red Deer	1	6,000	1	1,860	1	1,105	2	2,965
43	Strathcona	1	2,500	1	750	–	–	1	750
	British Columbia—Colombie Britannique	**3**	**11,660**	**4**	**2,013**	**6**	**2,210**	**10**	**4,223**
44	Westminster	3	11,660	4	2,013	6	2,210	10	4,223

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Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits			
						Cheese — Fromage	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	
440,208	2,894	–	–	18,234	486,456	488,659	–	488,659	1
432,905	3,882	–	–	15,566	466,170	476,131	–	476,131	2
25,069,782	**243,961**	**418,726**	**375,629**	**492,928**	**27,563,021**	**26,744,016**	**1,321,846**	**28,065,862**	
17,999	234	331	303	143	20,221	20,303	–	20,303	3
88,112	1,175	1,509	1,592	5,702	102,283	102,073	1,483	103,556	4
1,043,295	11,697	19,999	17,406	7,631	1,139,075	1,139,363	17,106	1,156,469	5
16,519	150	216	267	558	18,960	19,288	–	19,288	6
1,692,231	19,744	30,010	27,537	9,790	1,839,430	1,797,808	73,457	1,871,265	7
15,406	254	600	325	1,847	19,449	18,694	756	19,450	8
642,939	5,741	6,776	8,394	9,353	694,970	604,965	107,123	712,088	9
1,670,141	15,642	27,827	25,265	10,571	1,812,605	1,809,778	31,316	1,841,094	10
1,468,896	10,749	27,739	21,201	6,174	1,588,322	1,604,601	15,003	1,619,604	11
1,011,719	9,552	19,311	15,488	6,461	1,096,805	1,103,333	12,769	1,116,102	12
2,098,163	18,824	32,587	28,541	90,389	2,370,456	2,332,879	84,053	2,416,932	13
87,759	1,496	830	3,205	4,289	103,423	104,120	13	104,133	14
101,323	1,241	1,138	1,126	4,178	113,623	88,852	29,210	118,062	15
785,449	8,786	15,397	11,038	24,102	875,008	867,355	29,976	897,331	16
2,572,992	30,610	44,624	36,138	13,771	2,789,281	2,710,727	121,875	2,832,602	17
1,405,536	11,478	19,759	23,880	77,687	1,588,835	1,581,548	34,841	1,616,389	18
7,761	113	175	105	–	9,134	9,875	–	9,875	19
809,210	9,160	10,242	11,822	7,400	874,272	855,692	43,837	899,529	20
111,573	1,180	2,372	1,814	438	125,034	126,662	–	126,662	21
118,572	1,550	1,729	1,721	4,729	132,711	134,324	2,433	136,757	22
941,461	8,801	15,607	14,536	35,300	1,064,058	1,056,447	34,292	1,090,739	23
1,367,466	11,676	13,617	15,961	12,914	1,463,467	1,211,138	268,447	1,479,585	24
759,209	6,862	9,572	9,255	32,102	842,510	748,190	111,313	859,503	25
453,245	5,036	11,031	6,472	23,345	519,559	519,552	13,607	533,159	26
1,436,242	12,785	24,963	22,173	6,677	1,557,651	1,567,864	10,644	1,578,508	27
904,322	9,551	20,822	14,681	49,863	1,038,609	999,288	53,452	1,052,740	28
189,724	1,849	3,769	2,891	10,175	216,195	216,425	1,520	217,945	29
1,285,290	10,278	24,957	20,196	8,604	1,397,778	1,407,893	7,573	1,415,466	30
1,676,316	14,191	26,157	23,677	11,181	1,803,273	1,635,923	208,619	1,844,542	31
134,468	1,185	2,552	2,235	8,356	157,041	156,141	2,600	158,741	32
126,392	2,184	2,107	5,872	7,203	153,563	158,451	1,486	159,937	33
30,052	190	401	512	1,995	35,420	34,464	3,042	37,506	34
7,786	**815**	**1,946**	**1,326**	**736**	**110,424**	**111,898**	**328**	**112,226**	
6,000	77	200	60	25	6,822	7,064	–	7,064	35
66,922	408	1,255	935	366	74,661	75,648	–	75,648	36
24,864	330	491	331	345	28,941	29,186	328	29,514	37
10,109	**31**	**200**	**140**	–	**10,945**	**11,527**	–	**11,527**	
10,109	31	200	140	–	10,945	11,527	–	11,527	38
197,856	**2,596**	**3,107**	**4,841**	**29,698**	**296,201**	**80,195**	**337,331**	**417,526**	
133,612	2,003	2,307	2,692	26,961	220,975	29,248	310,205	339,453	39
1,683	56	100	95	66	2,263	2,169	–	2,169	40
5,275	34	80	70	38	6,222	6,298	–	6,298	41
47,143	300	620	1,240	2,443	54,711	29,367	27,126	56,493	42
10,143	203	–	744	190	12,030	13,113	–	13,113	43
71,335	**665**	**2,046**	**1,245**	**3,287**	**82,801**	**83,805**	–	**83,805**	
71,335	665	2,046	1,245	3,287	82,801	83,805	–	83,805	44

I. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
		no.	$	no.	$	no.	$	no.	$
	CANADA	**453**	**3,882,766**	**485**[1]	**517,027**[1]	**381**[1]	**302,813**[1]	**1,571**[1]	**1,158,251**[1]
	Prince Edward Island — Ile du Prince-Edouard	**7**	**26,524**	**14**	**7,177**	**7**	**1,533**	**21**	**8,710**
1	Kings	1	3,160	2	545	–	–	2	545
2	Prince	1	4,064	2	925	–	–	2	925
3	Queens	5	19,300	10	5,707	7	1,533	17	7,240
	Québec	**403**	**1,683,884**	–[1]	–[1]	–[1]	–[1]	**705**[1]	**338,411**[1]
4	Arthabaska	30	141,118	–	–	–	–	71	28,228
5	Bagot	8	30,200	–	–	–	–	17	7,250
6	Beauce	14	64,350	–	–	–	–	23	10,467
7	Beauharnois	9	24,425	–	–	–	–	14	5,460
8	Berthier	14	35,650	–	–	–	–	22	8,669
9	Chambly	1	–	–	–	–	–	1	480
10	Champlain	26	112,717	–	–	–	–	44	24,875
11	Châteauguay	4	17,200	–	–	–	–	11	5,079
12	Chicoutimi	3	23,939	–	–	–	–	6	6,884
13	Compton	3	16,150	–	–	–	–	6	2,942
14	Deux-Montagnes	4	18,100	–	–	–	–	6	2,168
15	Dorchester	1	6,175	–	–	–	–	2	894
16	Drummond	23	67,050	–	–	–	–	24	16,836
17	Frontenac	4	25,700	–	–	–	–	7	3,894
18	Huntingdon	13	39,850	–	–	–	–	24	9,903
19	Iberville	1	4,050	–	–	–	–	2	1,375
20	Joliette	3	10,900	–	–	–	–	6	2,195
21	Kamouraska	9	39,925	–	–	–	–	24	8,763
22	Labelle	4	20,400	–	–	–	–	8	3,227
23	Lac St-Jean	18	189,650	–	–	–	–	33	19,400
24	L'Assomption	1	1,240	–	–	–	–	1	178
25	Maskinongé	17	64,850	–	–	–	–	28	16,460
26	Matane	4	25,187	–	–	–	–	8	2,840
27	Mégantic	7	19,300	–	–	–	–	11	5,775
28	Montcalm	1	4,000	–	–	–	–	1	600
29	Nicolet	59	204,450	–	–	–	–	92	43,030
30	Portneuf	16	83,300	–	–	–	–	25	14,780
31	Richelieu	13	66,800	–	–	–	–	22	10,700
32	Richmond	5	14,845	–	–	–	–	10	5,651
33	Rouville	5	18,775	–	–	–	–	13	5,090
34	Shefford	5	18,800	–	–	–	–	7	5,112
35	Soulanges	3	10,200	–	–	–	–	6	2,545
36	St-Hyacinthe	25	68,600	–	–	–	–	45	21,612
37	St-Jean	1	1,925	–	–	–	–	1	565
38	Témiscamingue	1	2,800	–	–	–	–	1	400
39	Témiscouata	1	6,650	–	–	–	–	2	450
40	Vaudreuil	2	9,150	–	–	–	–	4	1,490
41	Verchères	4	11,650	–	–	–	–	8	2,555
42	Wolfe	10	39,200	–	–	–	–	15	8,999
43	Yamaska	31	124,613	–	–	–	–	54	20,590
	Ontario	**37**	**1,415,628**	**369**	**398,340**	**127**	**123,579**	**496**	**521,919**
44	Algoma	3	10,085	5	2,091	2	300	7	2,391
45	Carleton	1	6,500	3	1,665	–	–	3	1,665
46	Dundas	3	17,070	6	4,165	–	–	6	4,165
47	Elgin	1	7,100	3	1,795	–	–	3	1,795
48	Frontenac	1	30,000	4	4,920	1	70	5	4,990
49	Glengarry	1	5,700	2	1,195	2	690	4	1,885
50	Haldimand	1	4,250	2	1,480	1	400	3	1,880
51	Lanark	2	7,896	3	1,700	2	625	5	2,325
52	Leeds	1	3,208	2	1,147	–	–	2	1,147
53	Nipissing	3	7,150	5	1,975	–	–	5	1,975
54	Norfolk	1	8,600	2	1,500	2	875	4	2,375
55	Oxford	6	38,228	16	7,120	10	5,680	26	12,800
56	Perth	5	38,996	8	5,396	10	3,110	18	8,506
57	Peterborough	4	17,210	6	3,375	5	1,199	11	4,574
58	Prince Edward	1	5,800	8	1,725	2	910	10	2,635
59	Wellington	2	9,372	6	2,603	1	104	7	2,707
60	York	1	1,198,463	288	354,488	89	109,616	377	464,104

[1]Quebec employees shown only in column headed "Total of employees and of salaries and wages."

[1]Le personnel de la province de Québec ne figure que dans la colonne intutilée "Total du personnel, des appointements et des salaires."

I. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits: Butter — Beurre	Cheese — Fromage	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	$	
13,108,299	**136,728**	**120,639**[1]	**131,674**[1]	**969,072**	**15,624,663**	**6,043,870**	**6,737,776**	**4,091,092**	**16,872,738**	
218,139	**1,455**	**3,508**	**3,092**	**9,769**	**244,673**	**44,494**	**208,067**	**299**	**252,860**	
7,450	123	212	180	912	9,422	346	9,029	–	9,375	1
24,713	310	679	437	74	27,138	6,994	22,176	–	29,170	2
185,976	1,022	2,617	2,475	8,783	208,113	37,154	176,862	299	214,315	3
8,273,868	**85,505**	**–**	**–**	**336,974**	**9,034,758**	**3,899,974**	**5,303,776**	**–**	**9,203,750**	
640,515	6,359	–	–	24,478	699,580	129,834	564,115	–	693,949	4
212,554	2,116	–	–	4,970	226,890	141,186	90,373	–	231,559	5
207,071	3,038	–	–	8,938	229,514	165,017	67,363	–	232,380	6
158,717	1,875	–	–	6,362	172,414	20,364	156,509	–	176,873	7
252,187	2,270	–	–	12,239	275,365	68,274	210,554	–	278,828	8
15,313	177	–	–	890	16,860	6,003	10,782	–	16,785	9
436,512	5,780	–	–	26,121	493,288	256,484	247,172	–	503,656	10
138,156	1,721	–	–	3,756	148,712	118,343	31,558	–	149,901	11
53,630	960	–	–	4,680	66,154	3,022	60,071	–	63,093	12
60,943	613	–	–	2,273	66,771	17,101	51,674	–	68,775	13
73,028	955	–	–	2,315	78,466	69,891	14,682	–	84,573	14
23,441	162	–	–	650	25,147	24,610	2,505	–	27,115	15
487,197	3,394	–	–	16,877	524,304	332,769	197,651	–	530,420	16
101,464	595	–	–	3,598	109,551	94,185	17,833	–	112,018	17
296,992	3,100	–	–	11,831	321,826	124,994	200,642	–	325,636	18
34,584	186	–	–	628	36,773	17,738	19,634	–	37,372	19
40,879	432	–	–	1,933	45,439	33,529	13,232	–	46,761	20
274,037	2,318	–	–	13,267	298,385	163,517	123,100	–	286,617	21
69,871	617	–	–	3,243	76,958	38,352	42,728	–	81,080	22
417,672	4,762	–	–	22,307	464,141	70,932	422,227	–	493,159	23
1,326	80	–	–	46	1,630	1,470	–	–	1,470	24
225,492	2,145	–	–	9,092	253,189	169,584	104,770	–	274,354	25
65,489	649	–	–	2,642	71,620	57,703	18,333	–	76,036	26
126,866	1,292	–	–	4,713	138,646	83,484	56,028	–	139,512	27
9,440	180	–	–	650	10,870	3,632	7,733	–	11,365	28
1,195,679	16,713	–	–	44,636	1,300,058	697,936	618,610	–	1,316,546	29
261,201	2,916	–	–	18,577	297,474	175,890	132,448	–	308,338	30
282,046	3,017	–	–	12,330	308,093	142,316	168,432	–	310,748	31
103,028	770	–	–	3,557	113,006	11,538	102,947	–	114,485	32
151,533	1,398	–	–	4,250	162,271	101,363	63,377	–	164,740	33
143,112	685	–	–	4,000	152,909	116,245	37,450	–	153,695	34
62,056	490	–	–	1,700	66,791	41,185	26,831	–	68,016	35
629,430	5,466	–	–	21,984	678,492	161,881	534,223	–	696,104	36
17,659	100	–	–	270	18,594	15,608	3,350	–	18,958	37
5,087	68	–	–	486	6,041	2,399	3,237	–	5,636	38
12,742	113	–	–	275	13,580	13,669	–	–	13,669	39
38,151	240	–	–	1,185	41,066	8,642	33,103	–	41,745	40
76,966	566	–	–	3,419	83,506	11,649	73,052	–	84,701	41
175,626	1,377	–	–	6,826	192,828	60,604	134,271	–	194,875	42
696,176	5,810	–	–	24,980	747,556	127,031	641,176	–	768,207	43
2,795,337	**38,987**	**112,132**	**67,831**	**454,407**	**3,990,613**	**492,351**	**1,156,470**	**3,315,858**	**4,964,679**	
24,971	424	575	601	816	29,778	3,687	26,444	1	30,132	44
34,094	595	704	544	159	37,761	395	36,044	1,406	37,845	45
112,028	1,464	1,295	1,725	997	121,674	3,013	110,186	9,283	122,482	46
28,799	223	300	250	70	31,437	86	25,078	6,325	31,489	47
68,318	701	–	1,277	361	75,647	72,661	942	873	74,476	48
46,505	370	647	627	64	50,098	7,295	42,677	–	49,972	49
39,124	100	600	780	1,740	44,224	5,000	39,240	33	44,273	50
56,957	570	916	675	1,060	62,503	15,874	44,147	2,413	62,434	51
35,660	520	680	408	818	39,233	95	37,522	1,648	39,265	52
28,810	286	520	455	722	32,768	16,764	17,166	50	33,980	53
51,446	830	1,236	899	799	57,585	15,124	42,484	163	57,771	54
429,636	3,473	5,463	3,701	9,969	465,042	122,251	276,375	78,044	476,670	55
351,170	3,502	4,218	5,198	13,273	385,867	121,300	265,574	7,324	394,198	56
93,842	735	1,176	951	3,707	104,985	11,944	64,737	29,627	106,308	57
83,236	825	1,000	2,520	4,668	94,884	4,198	87,953	5,063	97,214	58
56,590	501	490	920	4,067	65,275	28,411	38,864	933	68,208	59
1,254,151	23,868	92,312	46,300	411,117	2,291,852	64,253	1,037	3,172,672	3,237,962	60

[1]Quebec is included under the head of "Miscellaneous Expenses."—[1]En ce qui concerne la province de Québec ceci figure dans la colonne "Dépenses diverses."

I. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabrique de beurre et de fromage.

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
		no.	$	no.	$	no.	$	no.	$
	Alberta	**5**	**755,455**	**101**	**110,310**	**247**	**177,701**	**348**	**288,011**
1	Edmonton	2	713,352	95	98,850	237	169,711	332	268,561
2	Red Deer	2	36,703	5	10,500	7	6,750	12	17,250
3	Strathcona	1	5,400	1	960	3	1,240	4	2,200
	British Columbia—Colombie Britannique	**1**	**1,275**	**1**	**1,200**	–	–	**1**	**1,200**
4	Kootenay (West)	1	1,275	1	1,200	–	–	1	1,200

D. Condensed Milk Factories—Fabriques de lait condensé

	Province — Provinces	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
		no.	$	no.	$	no.	$	no.	$
	CANADA	**24**	**6,428,813**	**106**[1]	**163,036**[1]	**940**[1]	**664,809**[1]	**1,097**[1]	**862,685**[1]
1	Prince Edward Island—Ile du Prince-Edouard 1	4	363,412	7[1]	9,284[1]	45[1]	32,692[1]	103[1]	76,816[1]
2	Nova-Scotia—Nouvelle-Ecosse 2								
3	Québec 1								
4	Ontario	17	5,683,621	88	130,805	819	568,446	907	699,251
5	British Columbia—Colombie Britannique	3	381,780	11	22,947	76	63,671	87	86,618

[1]Quebec employees shown only in column headed "Total of employees and of salaries and wages."

[1]Le personnel de la province de Québec ne figure que dans la colonne intitulée "Total du personnel, des appointements et des salaires."

I. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabrique de beurre et de fromage.

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits: Butter — Beurre	Cheese — Fromage	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	$	
1,806,410	**10,645**	**4,894**	**60,451**	**167,692**	**2,338,103**	**1,593,740**	**64,963**	**774,215**	**2,432,918**	
1,643,170	8,400	683	55,902	155,910	2,132,626	1,436,520	21,972	760,921	2,219,413	1
115,269	1,549	4,211	2,984	4,133	145,396	107,831	29,028	13,118	149,977	2
47,971	696	–	1,565	7,649	60,081	49,389	13,963	176	63,528	3
14,545	**136**	**105**	**300**	**230**	**16,516**	**13,311**	**4,500**	**720**	**18,531**	
14,545	136	105	300	230	16,516	13,311	4,500	720	18,531	4

D. Condensed Milk Factories—Fabriques de lait condensé

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fourni-, tures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits: Condensed Milk — Lait condensé	Evaporated Milk — Lait évaporé	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	$	
7,893,935	**319,366**	**2,060,102[1]**	**2,263,713[1]**	**1,095,803**	**14,495,604**	**9,132,295**	**1,789,089**	**4,958,649[1]**	**15,880,033**	
532,696	30,179	194,580[1]	84,912[1]	318,996	1,238,179	1,071,236	–	271,603[2]	1,342,839	1
6,810,810	264,385	1,848,876	1,865,737	665,702	12,154,761	8,061,059	1,279,165	3,646,349[2]	12,986,573	2
550,429	24,802	16,646	313,064	111,105	1,102,664	–	509,924	1,040,697	1,550,621	3

[1]Quebec is included under the head of "Miscellaneous Expenses."—[1]En ce qui concerne la province de Québec ceci figure dans la colonne "Dépenses diverses."

[2]Included with the products of condensed factories in Prince Edward Island, Nova Scotia and Ontario are 1,179,610 lb. of butter valued at $648,537 and 73,218 lb. of cheese valued at $19,991.

[2]Dans les produits des fabriques de lait condensé de l'Ile du Prince-Edouard, Nouvelle-Ecosse et Ontario sont compris 1,179,610 liv. de beurre, valant $648,537, plus 73,218 liv. de fromage, valant $19,991.

I. General Summary of Statistics of Dairy Factories, 1919—con.
I. Résumé de la statistique de l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
		no.	$	no.	$	no.	$	no.	$
	CANADA	**3,282**	**28,388,026**	**3,567**[1]	**2,839,272**[1]	**4,264**[1]	**3,386,051**[1]	**10,716**[1]	**7,629,997**
	Prince Edward Island—Ile du Pr.-Edouard.	**38**	**160,510**	**74**	**33,248**	**31**	**12,425**	**105**	**45,673**
1	Kings	8	17,193	15	3,051	–	–	15	3,051
2	Prince	13	54,097	26	13,341	10	1,901	36	15,242
3	Queens	17	89,220	33	16,856	21	10,524	54	27,380
	Nova Scotia—Nouvelle-Ecosse	**25**	**425,018**	**48**	**35,644**	**83**	**45,056**	**131**	**80,700**
4	Annapolis	1	5,000	2	1,400	–	–	2	1,400
5	Antigonish	4	31,536	7	3,766	6	2,010	13	5,776
6	Colchester	5	197,152	12	10,896	44	27,758	56	38,654
7	Cumberland	3	23,145	7	3,720	11	3,724	18	7,444
8	Digby	2	6,400	3	1,020	–	–	3	1,020
9	Halifax	1	10,229	1	1,400	3	1,200	4	2,600
10	Hants	1	6,150	1	720	1	300	2	1,020
11	Inverness	1	8,150	1	900	1	240	2	1,140
12	Kings	2	26,275	3	2,300	5	1,850	8	4,150
13	Lunenburg	1	20,188	2	1,560	3	2,390	5	3,950
14	Pictou	2	67,839	6	5,520	5	3,297	11	8,817
15	Victoria	1	8,570	1	900	1	458	2	1,358
16	Yarmouth	1	14,384	2	1,542	3	1,829	5	3,371
	New Brunswick—Nouveau-Brunswick	**41**	**165,586**	**72**	**44,517**	**54**	**33,468**	**126**	**77,985**
17	Albert	1	1,100	1	290	–	–	1	290
18	Carleton	1	4,500	1	1,600	7	1,800	8	3,400
19	Gloucester	1	2,250	1	340	–	–	1	340
20	Kent	1	2,000	1	500	–	–	1	500
21	Kings	20	44,367	30	13,885	11	5,610	41	19,495
22	Madawaska	7	23,214	10	3,037	2	610	12	3,647
23	St. John	4	55,810	16	16,520	34	25,448	50	41,968
24	Westmorland	6	32,345	12	8,345	–	–	12	8,345
	Québec	**1,868**	**6,309,475**	**–**[1]	**–**[1]	**–**[1]	**–**[1]	**2,885**[1]	**1,404,674**[1]
25	Argenteuil	35	52,688	–	–	–	–	41	17,340
26	Arthabaska	73	240,403	–	–	–	–	157	60,288
27	Bagot	36	132,800	–	–	–	–	62	31,198
28	Beauce	101	231,417	–	–	–	–	128	57,954
29	Beauharnois	19	40,425	–	–	–	–	31	12,219
30	Bellechasse	18	75,869	–	–	–	–	39	10,554
31	Berthier	37	86,150	–	–	–	–	55	22,588
32	Bonaventure	13	55,800	–	–	–	–	16	5,522
33	Brome	16	102,900	–	–	–	–	38	29,752
34	Chambly	5	8,950	–	–	–	–	3	2,305
35	Champlain	53	182,059	–	–	–	–	80	39,498
36	Charlevoix	30	56,410	–	–	–	–	33	11,470
37	Châteauguay	18	62,900	–	–	–	–	39	16,578
38	Chicoutimi	50	211,523	–	–	–	–	61	36,929
39	Compton	20	117,865	–	–	–	–	29	17,602
40	Deux Montagnes	21	76,642	–	–	–	–	30	13,097
41	Dorchester	54	161,642	–	–	–	–	72	29,420
42	Drummond	43	94,350	–	–	–	–	46	27,164
43	Frontenac	46	123,227	–	–	–	–	51	26,995
44	Gaspé	2	11,324	–	–	–	–	2	1,215
45	Hull	22	30,750	–	–	–	–	26	11,320
46	Huntingdon	26	244,128	–	–	–	–	93	55,721
47	Iberville	12	42,325	–	–	–	–	22	11,065
48	Jacques-Cartier	1	3,000	–	–	–	–	1	500
49	Joliette	43	137,150	–	–	–	–	67	33,030
50	Kamouraska	24	72,790	–	–	–	–	55	19,750
51	Labelle	68	144,151	–	–	–	–	82	36,960
52	Lac St-Jean	97	627,950	–	–	–	–	143	80,307
53	Laprairie	2	9,000	–	–	–	–	4	3,010
54	L'Assomption	21	63,290	–	–	–	–	30	10,446
55	Laval	2	4,000	–	–	–	–	1	725
56	Lévis	8	30,750	–	–	–	–	11	4,563
57	L'Islet	19	60,894	–	–	–	–	25	10,314
58	Lotbinière	37	153,750	–	–	–	–	58	24,193
59	Maskinongé	38	123,475	–	–	–	–	54	31,870
60	Matane	35	144,280	–	–	–	–	55	21,402
61	Mégantic	54	85,580	–	–	–	–	70	31,531

[1] Quebec employees shown only in column headed "Total of employees and of salaries and wages."

[1] Le personnel de la province de Québec ne figure que dans la colonne intitulée "Total du personnel des appointements et des salaires."

I. General Summary of Statistics of Dairy Factories, 1919—con.
I. Résumé de la statistique de l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits: Butter — Beurre	Cheese — Fromage	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	$	
107,412,542	**1,200,406**	**3,130,295**[1]	**3,386,885**[1]	**5,796,619**	**128,556,744**	**56,371,985**	**44,586,168**	**34,238,449**	**135,196,602**	
1,029,277	**8,948**	**22,172**	**25,007**	**41,298**	**1,172,375**	**485,880**	**640,569**	**57,714**	**1,184,163**	
41,881	463	1,197	656	2,563	49,811	2,667	48,225	–	50,892	1
440,467	2,438	5,787	6,528	17,390	487,852	196,190	301,067	754	498,011	2
546,929	6,047	15,188	17,823	21,345	634,712	287,023	291,277	56,960	635,260	3
1,401,008	**25,103**	**190,865**	**89,010**	**66,745**	**1,853,431**	**1,186,322**	**12,952**	**774,995**	**1,974,269**	
23,320	275	–	400	880	26,275	26,320	–	–	26,320	4
129,645	948	462	2,171	4,208	143,210	129,844	–	19,785	149,629	5
364,464	17,764	185,045	77,684	29,409	713,020	107,020	–	683,456	790,476	6
87,047	758	3,386	1,000	5,599	105,234	66,316	12,952	34,614	113,882	7
15,998	190	–	275	562	18,045	17,578	–	599	18,177	8
65,518	1,315	385	756	3,331	73,905	77,300	–	521	77,821	9
50,000	175	200	300	1,287	52,982	55,000	–	400	55,400	10
23,762	122	–	688	1,336	27,048	29,043	–	123	29,166	11
89,400	755	950	100	3,250	98,605	96,250	–	3,640	99,890	12
108,741	837	437	930	5,004	119,899	111,410	–	18,319	129,729	13
301,424	1,252	–	3,052	8,791	323,336	316,959	–	8,310	325,269	14
28,013	382	–	364	977	31,094	32,956	–	296	33,252	15
113,676	330	–	1,290	2,111	120,778	120,326	–	4,932	125,258	16
897,807	**6,016**	**17,906**	**11,489**	**23,565**	**1,034,768**	**503,714**	**349,794**	**313,748**	**1,167,256**	
4,939	62	7	67	40	5,405	5,411	–	–	5,411	17
14,003	200	600	150	1,968	20,321	15,045	–	5,441	20,486	18
5,170	64	140	50	23	5,787	–	5,794	–	5,794	19
6,272	52	–	150	–	6,974	7,667	–	–	7,667	20
367,496	2,193	7,610	4,934	1,785	403,513	111,947	286,980	38,150	437,077	21
62,939	925	1,184	821	1,632	71,148	53,979	16,995	–	70,974	22
187,145	1,800	4,475	2,270	14,023	251,681	73,490	–	267,057	340,547	23
249,843	720	3,890	3,047	4,094	269,939	236,175	40,025	3,100	279,300	24
33,306,957	**316,207**	–	–	**1,553,445**	**36,317,087**	**29,857,523**	**15,305,488**	**627,026**	**36,790,037**	
405,684	3,550	–	–	17,083	443,657	–	468,871	–	468,871	25
1,180,253	12,144	–	–	44,251	1,296,936	129,834	1,160,221	–	1,290,055	26
869,784	9,336	–	–	19,329	929,647	834,122	106,162	–	940,284	27
1,127,636	12,696	–	–	45,482	1,243,768	572,963	685,375	–	1,258,338	28
369,304	2,937	–	–	18,384	402,844	145,606	267,446	–	413,052	29
308,375	3,375	–	–	10,430	332,734	315,823	25,457	–	341,280	30
596,626	6,850	–	–	25,904	651,968	431,468	242,437	–	673,905	31
146,217	1,901	–	–	6,524	160,164	155,179	9,985	–	165,164	32
999,053	1,711	–	–	32,957	1,063,473	745,122	10,140	–	755,262	33
40,842	387	–	–	1,785	45,319	6,003	39,162	–	45,165	34
757,052	9,396	–	–	39,200	845,146	380,711	490,009	–	870,720	35
148,262	1,969	–	–	6,185	167,886	12,034	159,472	–	171,506	36
481,802	4,977	–	–	11,972	515,329	438,443	86,527	–	524,970	37
489,901	8,441	–	–	26,028	561,299	6,402	557,928	–	564,330	38
646,439	2,995	–	–	22,237	689,273	630,202	76,097	–	706,299	39
379,436	4,456	–	–	10,823	407,812	370,339	48,035	–	418,374	40
688,622	7,306	–	–	23,563	748,911	361,711	404,339	–	766,050	41
710,535	4,979	–	–	25,613	768,291	386,987	388,058	–	775,045	42
606,525	5,810	–	–	27,047	666,377	384,788	315,519	–	700,307	43
38,261	243	–	–	1,140	40,859	43,522	–	–	43,522	44
214,912	3,108	–	–	8,009	237,349	37,323	207,093	–	244,416	45
922,649	17,183	–	–	49,641	1,045,194	451,098	295,654	–	1,373,778	46
335,872	2,965	–	–	7,544	357,446	277,048	84,357	–	361,405	47
8,000	213	–	–	200	8,913	8,800	–	–	8,800	48
636,461	8,411	–	–	36,736	714,638	691,833	43,020	–	734,853	49
580,396	3,924	–	–	24,200	628,270	289,819	333,272	–	623,091	50
712,292	6,020	–	–	30,729	786,001	120,508	683,945	–	804,453	51
1,428,543	17,029	–	–	35,755	1,611,634	70,932	1,621,444	–	1,692,376	52
85,544	1,288	–	–	1,305	91,147	91,898	–	–	91,898	53
366,211	4,655	–	–	7,610	388,922	383,352	–	–	383,352	54
14,565	129	–	–	298	15,717	15,045	–	–	15,045	55
102,307	1,135	–	–	4,023	112,028	71,594	39,078	–	110,672	56
233,832	2,785	–	–	10,739	257,670	236,165	34,215	–	270,380	57
749,794	9,203	–	–	32,495	815,685	786,348	61,563	–	847,911	58
424,027	5,043	–	–	19,249	480,189	362,955	146,920	–	509,875	59
504,208	5,034	–	–	18,251	548,895	407,269	156,148	–	563,417	60
667,334	5,541	–	–	26,670	731,076	244,967	495,140	–	740,107	61

[1] Quebec is included under the head of miscellaneous expenses.
[1] En ce qui concerne la province de Québec, ceci figure dans la colonne "Dépenses diverses."

I. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employé recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
	Québec—concluded—fin.	no.	$	no.	$	no.	$	no.	$
1	Missisquoi	17	98,650	–	–	–	–	40	30,851
2	Montcalm	22	66,200	–	–	–	–	35	18,300
3	Montmagny	17	63,989	–	–	–	–	27	10,505
4	Montmorency	14	38,900	–	–	–	–	21	8,496
5	Montréal	3	–	–	–	–	–	21	27,822
6	Napierville	3	10,800	–	–	–	–	5	2,750
7	Nicolet	83	254,616	–	–	–	–	123	56,805
8	Pontiac	5	14,850	–	–	–	–	8	6,077
9	Portneuf	46	168,475	–	–	–	–	74	41,924
10	Richelieu	25	109,465	–	–	–	–	39	17,517
11	Richmond	37	85,378	–	–	–	–	53	32,744
12	Rimouski	22	66,222	–	–	–	–	41	16,422
13	Rouville	28	97,240	–	–	–	–	58	27,911
14	Saguenay	8	17,599	–	–	–	–	8	6,758
15	Shefford	38	161,525	–	–	–	–	58	37,362
16	Sherbrooke	3	12,810	–	–	–	–	4	2,085
17	Soulanges	11	32,270	–	–	–	–	18	7,335
18	Stanstead	15	130,644	–	–	–	–	34	21,006
19	St-Hyacinthe	27	73,350	–	–	–	–	48	22,977
20	St-Jean	6	17,950	–	–	–	–	9	4,306
21	St-Maurice	23	79,400	–	–	–	–	32	12,590
22	Témiscamingue	13	32,500	–	–	–	–	21	10,757
23	Témiscouata	35	135,175	–	–	–	–	58	20,867
24	Terrebonne	22	54,940	–	–	–	–	27	12,230
25	Vaudreuil	18	37,840	–	–	–	–	23	10,001
26	Verchères	13	43,550	–	–	–	–	27	11,080
27	Wolfe	52	132,800	–	–	–	–	68	36,094
28	Yamaska	63	169,725	–	–	–	–	95	34,707
	Ontario	**1,121**	**14,574,996**	**2,711**	**1,937,127**	**2,553**	**1,963,408**	**5,264**	**3,900,535**
29	Algoma	6	15,094	8	3,094	3	508	11	3,602
30	Brant	6	385,601	19	30,824	84	66,276	103	97,100
31	Bruce	13	156,285	34	22,666	29	17,445	63	40,111
32	Carleton	52	878,957	122	143,130	307	403,177	429	546,307
33	Dufferin	5	70,488	8	8,914	15	8,376	23	17,290
34	Dundas	54	952,451	110	81,642	169	78,974	279	160,616
35	Durham	3	13,200	9	2,320	5	1,410	14	3,730
36	Elgin	22	556,360	63	56,195	98	46,441	161	102,636
37	Essex	4	67,266	6	5,925	14	13,578	20	19,503
38	Frontenac	67	202,671	117	60,227	35	7,922	152	68,149
39	Glengarry	68	141,361	126	52,070	18	3,378	144	55,448
40	Grenville	40	119,538	66	33,853	15	4,156	81	38,009
41	Grey	8	76,701	24	19,833	12	6,131	36	25,964
42	Haldimand	10	160,258	19	18,397	21	11,481	40	29,878
43	Halton	3	31,710	7	6,874	5	4,300	12	11,174
44	Hastings	77	351,566	203	107,548	65	27,942	268	135,490
45	Huron	15	153,867	40	29,109	29	12,436	69	41,545
46	Kent	6	35,907	8	6,112	11	5,256	19	11,368
47	Lambton	10	175,080	29	22,063	43	27,080	72	49,143
48	Lanark	42	129,467	95	36,093	17	4,704	112	40,797
49	Leeds	88	2,955,944	187	109,405	138	69,622	325	179,027
50	Lennox & Addington	33	120,108	67	39,021	34	13,625	101	52,646
51	Lincoln	5	70,232	8	7,670	21	20,343	29	28,013
52	Middlesex	30	587,166	71	61,224	94	80,939	165	142,163
53	Nipissing	19	60,102	32	14,292	2	507	34	14,799
54	Norfolk	14	142,942	22	21,930	17	9,910	39	31,840
55	Northumberland	39	149,737	112	48,338	26	12,884	138	61,222
56	Ontario	6	60,849	13	13,314	11	7,490	24	20,804
57	Oxford	34	1,616,575	90	66,582	429	319,014	519	385,596
58	Parry Sound	1	4,630	1	600	1	300	2	900
59	Perth	30	261,584	67	46,271	58	26,888	125	73,159
60	Peterborough	33	243,079	74	37,020	42	27,131	116	64,151
61	Prescott	69	155,301	106	50,460	16	4,351	122	54,811
62	Prince Edward	23	151,975	73	38,475	31	13,027	104	51,502
63	Rainy River	1	4,774	1	1,200	2	1,600	3	2,800
64	Renfrew	21	81,683	36	14,972	12	4,929	48	19,901
65	Russell	59	141,043	92	45,489	14	2,964	106	48,453
66	Simcoe	7	70,006	13	12,401	15	5,426	28	17,827
67	Stormont	48	173,106	83	46,989	32	10,547	115	57,536
68	Haliburton 1 / Victoria 13	14	82,080	35	26,918	24	12,551	59	39,469
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I. General Summary of Statistics of Dairy Factories, 1919—con.

I. Résumé de la statistique de l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits				
						Butter — Beurre	Cheese — Fromage	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	$	
925,879	685	–	–	16,625	974,040	798,256	–	–	798,256	1
373,255	4,494	–	–	11,925	407,974	338,816	71,213	–	410,029	2
267,507	2,540	–	–	9,330	289,882	252,504	48,849	–	301,353	3
184,591	2,345	–	–	4,600	200,032	183,449	19,181	–	202,630	4
486,518	2,833	–	–	5,173	522,346	523,364	–	–	523,364	5
65,293	565	–	–	1,829	70,437	70,708	–	–	70,708	6
1,571,066	20,916	–	–	58,542	1,707,329	837,068	895,377	–	1,732,445	7
141,535	1,379	–	–	4,223	153,214	141,022	21,181	–	162,203	8
696,766	10,580	–	–	36,197	785,467	615,089	204,627	–	819,716	9
513,507	5,053	–	–	21,432	557,509	328,064	231,979	–	560,043	10
564,782	4,450	–	–	21,514	623,490	187,745	434,613	–	622,358	11
409,386	3,580	–	–	21,196	450,584	191,122	263,885	–	455,007	12
785,144	6,209	–	–	23,485	842,749	416,757	429,514	–	846,271	13
46,457	600	–	–	4,067	57,882	–	57,349	–	57,349	14
1,648,674	5,650	–	–	32,422	1,724,108	1,713,496	37,450	–	1,750,946	15
52,338	140	–	–	1,253	55,816	38,329	18,889	–	57,218	16
210,901	1,397	–	–	4,365	223,998	183,727	46,400	–	230,127	17
660,091	3,066	–	–	61,660	745,823	698,416	–	–	698,416	18
656,974	5,766	–	–	22,759	708,476	180,724	545,424	–	726,148	19
87,533	1,198	–	–	1,421	94,458	89,835	8,737	–	98,572	20
258,702	3,120	–	–	9,959	284,371	278,029	26,090	–	304,119	21
190,240	2,563	–	–	9,817	213,377	159,802	56,561	–	216,363	22
822,059	7,452	–	–	32,583	882,961	839,804	49,857	–	889,661	23
304,339	1,994	–	–	7,297	325,860	305,279	35,690	–	340,969	24
271,618	1,815	–	–	8,707	292,141	74,157	224,657	–	298,814	25
315,422	2,360	–	–	9,754	338,616	247,100	94,639	–	341,739	26
683,464	4,571	–	–	27,177	751,306	132,849	622,930	–	755,779	27
1,135,360	9,761	–	–	40,546	1,220,374	133,799	1,117,307	–	1,251,106	28
53,787,785	**665,455**	**2,612,211**	**2,603,701**	**2,635,088**	**66,204,775**	**18,340,951**	**27,920,477**	**23,636,091**	**69,897,519**	
42,970	658	906	904	959	49,999	3,687	46,747	1	50,435	29
939,594	27,085	62,376	67,985	81,806	1,275,946	647,179	–	818,019	1,465,198	30
1,114,347	5,901	1,807	11,645	49,406	1,223,217	1,171,970	102,073	4,221	1,278,264	31
2,976,491	29,161	26,568	29,588	131,407	3,739,522	533,872	1,175,407	2,271,010	3,980,289	32
417,660	2,057	991	6,600	14,586	459,184	446,342	19,288	1,437	467,067	33
2,642,627	47,248	653,398	345,220	76,718	3,925,827	10,476	1,907,994	2,045,282	3,963,752	34
85,407	1,105	796	837	3,785	95,660	81,759	18,694	922	101,375	35
1,630,433	49,907	17,358	393,062	147,870	2,341,266	255,730	630,043	1,389,638	2,275,411	36
112,432	697	3,124	950	8,338	145,044	46,740	–	114,930	161,670	37
1,738,459	16,343	27,827	26,542	10,932	1,888,252	72,661	1,810,720	32,189	1,915,570	38
1,515,401	11,119	28,386	21,828	6,238	1,638,420	7,295	1,647,278	15,003	1,669,576	39
1,097,253	10,502	19,806	16,811	12,177	1,194,558	89,400	1,103,333	20,332	1,213,065	40
665,125	3,077	1,711	10,615	38,308	744,800	769,041	–	4,481	773,522	41
984,919	2,381	2,867	16,769	35,041	1,071,855	1,043,657	39,240	65,683	1,148,580	42
294,063	1,356	206	1,120	589	308,508	322,498	–	76	322,574	43
2,587,996	20,133	37,712	32,255	120,610	2,934,196	479,584	2,332,879	193,927	3,006,390	44
1,213,157	9,296	5,487	22,595	53,094	1,345,174	1,262,561	104,120	11,245	1,377,926	45
116,891	855	50	2,720	12,495	144,379	143,735	–	11,747	155,482	46
698,960	8,023	17,085	5,383	49,093	827,687	628,988	88,852	174,009	891,849	47
960,071	11,006	16,428	12,718	26,908	1,067,928	121,655	911,502	78,581	1,111,738	48
3,485,054	51,462	456,504	315,859	76,797	4,564,703	172,592	2,748,249	1,746,612	4,667,453	49
1,476,542	11,478	19,759	24,880	83,688	1,668,993	84,584	1,581,548	35,141	1,701,273	50
330,836	2,462	175	2,940	26,101	390,527	306,354	9,875	93,270	409,499	51
2,621,772	41,412	22,766	83,992	97,528	3,009,633	1,415,218	855,692	970,652	3,241,562	52
244,772	1,966	2,892	4,312	3,868	272,609	134,223	143,828	792	278,843	53
673,363	7,159	5,565	8,469	31,442	757,838	516,636	176,808	95,506	788,950	54
1,233,011	10,672	17,584	18,930	49,177	1,390,596	298,272	1,056,447	97,295	1,452,014	55
423,382	3,031	253	5,885	27,813	481,168	495,686	–	1,018	496,704	56
5,058,914	131,653	785,784	814,644	326,360	7,502,951	302,324	1,487,513	6,367,752	8,157,589	57
29,909	150	600	350	1,639	33,548	35,283	–	808	36,091	58
1,789,451	15,961	20,234	24,378	74,977	1,998,160	811,274	1,013,764	228,037	2,053,075	59
795,237	11,935	100,166	46,027	87,924	1,105,440	142,474	584,289	406,384	1,133,147	60
1,436,242	12,785	24,963	22,173	6,677	1,557,651	–	1,567,864	10,644	1,578,508	61
1,099,720	21,501	22,628	17,701	58,699	1,271,751	33,119	1,107,232	165,294	1,305,645	62
14,618	310	34	206	1,373	19,341	13,960	–	3,169	17,129	63
493,298	3,645	3,896	8,379	15,017	544,136	339,617	216,425	13,599	569,641	64
1,285,290	10,278	24,957	20,196	8,604	1,397,778	–	1,407,893	7,573	1,415,466	65
442,563	1,888	2,096	7,223	18,483	490,080	487,754	–	13,292	501,046	66
1,786,342	14,930	27,380	25,816	18,737	1,930,741	95,998	1,635,923	248,187	1,980,108	67
685,948	2,993	3,495	11,678	42,564	786,147	642,998	156,141	6,184	805,323	68

I. General Summary of Statistics of Dairy Factories, 1919—concluded.

I. Résumé de la statistique de l'industrie laitière, 1919—fin.

E. All Factories—Toutes fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Capital Invested — Capital engagé	Employees on Salaries — Employés recevant des appointements		Employees on Wages — Ouvriers et journaliers		Total of Employees and of Salaries and Wages — Total du personnel, des appointements et des salaires	
	Ontario—concluded—fin.	no.	$	no.	$	no.	$	no.	$
1	Waterloo	10	126,647	21	22,989	28	21,015	49	44,004
2	Welland	4	50,782	6	5,950	12	6,570	18	12,520
3	Wellington	8	149,946	23	17,576	29	15,048	52	32,624
4	Wentworth	4	416,202	26	25,328	130	119,806	156	145,134
5	York	10	2,024,675	339	415,824	340	405,950	679	821,774
	Manitoba	**56**	**2,086,974**	**177**	**224,466**	**513**	**541,815**	**690**	**766,281**
6	Brandon	6	268,991	26	31,489	40	26,181	66	57,670
7	Dauphin	5	95,143	14	16,123	14	6,905	28	23,028
8	Lisgar	3	14,181	5	2,860	5	560	10	3,420
9	Macdonald	2	10,087	3	2,500	1	300	4	2,800
10	Marquette	6	104,915	13	16,745	19	10,908	32	27,653
11	Neepawa	2	26,400	4	6,780	3	1,020	7	7,800
12	Nelson	1	5,398	1	800	2	605	3	1,405
13	Provencher	8	29,173	9	5,175	2	500	11	5,675
14	Selkirk	7	75,658	15	13,856	9	7,589	24	21,445
15	Souris	5	53,171	11	11,757	6	2,290	17	14,047
16	Springfield	5	64,612	10	8,748	7	4,198	17	12,946
17	Winnipeg	6	1,339,245	66	107,633	405	480,759	471	588,392
	Saskatchewan	**43**	**1,128,745**	**140**	**148,769**	**313**	**240,652**	**453**	**389,421**
18	Assiniboia	5	85,559	13	16,021	10	2,956	23	18,977
19	Battleford	4	40,279	5	5,950	6	2,554	11	8,504
20	Humboldt	7	60,975	11	16,312	18	12,620	29	28,932
21	Kindersley	2	14,075	3	2,496	1	1,624	4	4,120
22	Mackenzie	4	50,613	11	11,137	18	8,387	29	19,524
23	Moose Jaw	2	355,546	40	24,660	68	54,621	108	79,281
24	North Battleford	3	33,328	5	4,565	5	1,558	10	6,123
25	Prince Albert	7	124,743	15	17,299	29	17,922	44	35,221
26	Qu'Appelle	1	5,505	1	1,500	1	190	2	1,690
27	Regina	1	75,924	10	14,700	76	70,143	86	84,843
28	Saltcoats	3	20,636	4	5,006	8	3,411	12	8,417
29	Saskatoon	3	234,233	20	24,923	70	63,466	90	88,389
30	Swift Current	1	27,329	2	4,200	3	1,200	5	5,400
	Alberta	**58**	**2,341,569**	**263**	**311,109**	**469**	**346,829**	**732**	**657,938**
31	Battle River	4	42,745	10	13,500	7	3,942	17	17,442
32	Bow River	4	18,153	7	4,935	3	555	10	5,490
33	Calgary	8	875,216	45	67,521	92	83,233	137	150,754
34	Edmonton	9	979,478	132	134,875	279	196,215	411	331,090
35	Lethbridge	5	142,799	14	16,426	24	18,697	38	35,123
36	Macleod	1	7,590	2	1,240	–	–	2	1,240
37	Medicine Hat	1	99,611	9	13,860	13	9,300	22	23,160
38	Red Deer	17	99,181	27	38,563	30	19,265	57	57,828
39	Strathcona	3	7,900	3	2,310	3	1,240	6	3,550
40	Victoria	6	68,896	14	17,879	18	14,382	32	32,261
	British Columbia—Colombie Britannique	**32**	**1,195,153**	**82**	**104,392**	**248**	**202,398**	**330**	**306,790**
41	Cariboo	3	19,048	3	4,840	4	2,025	7	6,865
42	Comox-Alberni	2	65,081	3	7,650	16	18,132	19	25,782
43	Kootenay (West)	2	34,878	3	3,720	5	2,900	8	6,620
44	Nanaimo	3	14,043	7	7,719	2	2,551	9	10,270
45	New Westminster	4	197,473	12	17,159	42	34,363	54	51,522
46	Vancouver	7	598,532	30	37,156	114	92,936	144	130,092
47	Victoria	2	35,002	8	8,457	16	11,425	24	19,882
48	Westminster	5	190,110	8	9,131	43	34,579	51	43,710
49	Yale	4	40,986	8	8,560	6	3,487	14	12,047

I. General Summary of Statistics of Dairy Factories, 1919—concluded.

I. Résumé de la statistique de l'industrie laitière, 1919—fin.

E. All Factories—Toutes fabriques

Paid to Patrons — Sommes payées aux fournisseurs	Fuel used — Combustible consommé	Supplies used — Fournitures utilisées	Containers used — Récipients utilisés	Miscellaneous Expenses — Dépenses diverses	Total Expenses — Total des dépenses	Value of Products — Valeur des produits				
						Butter — Beurre	Cheese — Fromage	Other — Autres	Total	
$	$	$	$	$	$	$	$	$	$	
757,490	5,399	5,882	12,157	34,529	859,461	671,803	158,451	62,664	892,918	1
182,132	1,563	5,251	3,682	10,911	216,059	152,721	34,464	48,972	236,157	2
1,058,754	2,818	31,121	12,414	49,124	1,186,855	1,162,611	38,864	42,952	1,244,427	3
550,658	3,924	5,411	22,983	34,568	762,678	114,168	–	705,271	819,439	4
3,998,231	36,170	97,926	62,280	568,128	5,584,509	1,772,452	1,037	5,012,290	6,785,779	5
4,915,351	**63,226**	**121,497**	**116,063**	**492,251**	**6,474,672**	**4,350,693**	**111,898**	**2,580,055**	**7,042,646**	
903,708	5,778	48,808	27,019	55,432	1,098,415	1,080,912	–	114,092	1,195,004	6
273,728	1,449	2,771	5,319	30,266	336,561	346,895	–	19,516	366,411	7
87,971	486	325	1,174	2,277	95,653	97,114	7,064	12	104,190	8
57,390	519	123	1,038	1,339	63,209	66,443	–	230	66,673	9
543,450	5,734	8,678	14,137	21,316	620,968	628,809	–	18,665	647,474	10
103,500	1,900	–	2,250	3,590	119,040	121,250	–	18,750	140,000	11
25,379	353	388	464	2,304	30,293	35,378	–	285	35,663	12
71,565	472	1,255	1,071	725	80,763	5,167	75,648	8	80,823	13
433,389	3,223	1,513	13,005	11,839	484,414	488,206	–	15,515	503,721	14
289,843	3,488	1,108	7,655	10,121	326,262	334,631	–	186	334,817	15
171,913	777	638	3,051	5,636	194,961	173,040	29,186	591	202,817	16
1,953,518	39,047	55,890	39,880	347,406	3,024,133	972,848	–	2,392,205	3,365,053	17
3,383,426	**34,932**	**97,058**	**52,826**	**281,538**	**4,239,201**	**3,495,172**	**11,527**	**1,535,678**	**5,042,377**	
304,458	1,091	388	6,398	22,493	353,805	306,899	–	78,516	385,415	18
212,519	1,903	3,564	2,726	9,899	239,115	264,634	–	8,658	273,292	19
436,442	4,522	3,054	10,355	22,029	505,334	573,296	–	1,029	574,325	20
133,510	798	1,035	1,807	8,946	150,216	179,503	–	468	179,971	21
331,052	2,766	9,956	5,419	25,807	394,524	425,338	–	25,098	450,436	22
416,941	4,840	17,811	1,937	54,046	574,856	411,879	–	308,501	720,380	23
118,662	1,304	960	1,778	7,001	135,828	155,223	–	826	156,049	24
379,293	2,852	10,800	5,058	22,725	455,949	395,921	11,527	104,148	511,596	25
29,224	577	267	408	2,133	34,299	37,187	–	1,075	38,262	26
430,806	5,930	15,420	5,000	35,108	577,107	293,607	–	535,447	829,054	27
169,396	1,841	1,143	1,763	12,099	194,659	215,203	–	1,722	216,925	28
342,990	6,328	32,660	7,827	54,762	532,956	131,780	–	469,984	601,764	29
78,133	180	–	2,350	4,490	90,553	104,702	–	206	104,908	30
6,021,935	**39,445**	**37,628**	**158,751**	**488,847**	**7,404,544**	**6,132,733**	**145,158**	**1,594,650**	**7,872,541**	
354,017	2,681	1,473	7,727	24,386	407,726	430,837	–	3,705	434,542	31
109,915	1,926	1,942	3,121	2,995	125,389	120,775	–	6,855	127,630	32
1,231,453	6,267	4,027	32,511	78,801	1,503,813	1,120,812	29,248	502,170	1,652,230	33
2,672,099	12,953	11,945	73,312	251,917	3,353,316	2,682,841	24,141	775,177	3,482,159	34
218,543	2,398	2,444	10,580	18,664	287,752	186,384	6,298	134,788	327,470	35
9,824	477	–	176	214	11,931	11,386	–	42	11,428	36
71,258	309	32	384	4,097	99,240	35,460	–	104,936	140,396	37
761,236	8,944	14,931	16,761	61,953	921,653	847,390	58,395	541,182	959,967	38
77,364	1,059	–	2,609	8,501	93,083	70,389	27,076	176	97,641	39
516,226	2,431	834	11,570	37,319	600,641	626,459	–	12,619	639,078	40
2,668,993	**41,074**	**30,958**	**330,038**	**213,842**	**3,591,695**	**1,018,997**	**88,305**	**3,118,492**	**4,225,794**	
94,865	561	1,108	737	9,811	113,950	111,963	–	4,132	116,095	41
161,012	5,011	361	54,190	17,392	263,748	96,637	–	190,343	286,980	42
50,040	545	2,230	650	1,797	61,882	46,752	4,500	21,390	72,642	43
151,173	1,150	–	2,220	4,289	169,102	177,214	–	702	177,916	44
371,819	8,013	3,921	160,649	69,990	665,914	40,655	–	789,236	829,891	45
1,094,792	7,640	1,354	4,500	56,019	1,294,397	370,188	–	1,034,361	1,404,549	46
124,081	1,190	5	4,000	4,996	154,154	28,042	–	139,614	167,656	47
489,914	15,531	20,003	100,991	44,281	714,430	–	83,805	924,613	1,008,418	48
131,297	1,430	1,976	2,101	5,267	154,118	147,546	–	14,101	161,647	49

II. Capital Invested in Dairy Factories, 1919

II. Capitaux engagés dans l'industrie laitière, 1919

A. Creameries—Beurreries

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
	no.	$	$	$	$	$	$
CANADA	**1,018**	**4,714,309**	**4,302,867**	**1,401,210**	**585,185**	**1,951,307**	**12,954,878**
Prince Edward Island— Ile du Prince-Edouard	**10**	**23,540**	**16,750**	**2,569**	**1,564**	**3,660**	**48,083**
Kings	1	840	1,200	–	50	173	2,263
Prince	4	10,700	9,050	2,000	500	3,487	25,737
Queens	5	12,000	6,500	569	1,014	–	20,083
Nova Scotia—Nouvelle-Ecosse	**22**	**66,316**	**58,589**	**33,629**	**9,981**	**94,038**	**262,553**
Annapolis	1	3,000	1,000	–	100	900	5,000
Antigonish	4	14,970	7,609	3,014	575	5,368	31,536
Colchester	3	6,000	8,200	8,800	350	12,300	35,650
Cumberland	2	8,565	9,663	383	447	3,124	22,182
Digby	2	1,950	2,250	700	500	1,000	6,400
Halifax	1	3,000	4,775	–	454	2,000	10,229
Hants	1	–	2,000	–	150	4,000	6,150
Inverness	1	3,000	2,477	553	400	1,720	8,150
Kings	2	5,175	5,000	–	100	16,000	26,275
Lunenburg	1	4,589	3,210	579	2,227	9,583	20,188
Pictou	2	9,267	9,443	18,686	3,379	27,064	67,839
Victoria	1	4,000	2,462	158	400	1,550	8,570
Yarmouth	1	2,800	500	756	899	9,429	14,384
New Brunswick— Nouveau-Brunswick	**17**	**55,900**	**46,595**	**7,475**	**6,631**	**21,738**	**138,339**
Albert	1	500	600	–	–	–	1,100
Carleton	1	2,500	1,500	–	100	400	4,500
Kent	1	1,000	1,000	–	–	–	2,000
Kings	4	14,600	7,900	2,750	120	–	25,370
Madawaska	3	9,800	8,700	–	774	140	19,414
St. John	4	12,000	18,895	4,725	4,240	15,950	55,810
Westmorland	3	15,500	8,000	–	1,397	5,248	30,145
Québec	**631**	**1,418,285**	**1,049,340**	**55,620**	**–**	**43,833**	**2,567,078**
Bagot	27	54,500	46,600	–	–	–	101,100
Beauce	21	61,100	28,450	365	–	–	89,915
Beauharnois	1	3,000	1,800	–	–	–	4,800
Bellechasse	15	30,250	23,975	2,827	–	–	57,052
Berthier	20	22,125	20,850	2,750	–	–	45,725
Bonaventure	11	29,000	23,500	–	–	–	52,500
Brome	15	61,500	40,500	–	–	–	102,000
Champlain	7	16,300	10,950	1,737	–	–	28,987
Charlevoix	1	3,000	3,500	125	–	–	6,625
Châteauguay	10	18,700	19,000	–	–	–	37,700
Chicoutimi	1	2,500	1,800	200	–	–	4,500
Compton	13	60,440	29,610	3,375	–	–	93,425
Deux-Montagnes	15	21,500	30,200	1,960	–	–	53,660
Dorchester	9	28,600	26,300	1,715	–	–	56,615
Drummond	4	3,500	2,100	–	–	–	5,600
Frontenac	14	29,900	23,250	177	–	–	53,327
Gaspé	2	3,200	2,800	72	–	5,252	11,324
Hull	1	1,500	1,200	300	–	–	3,000
Huntingdon	7	13,300	15,200	–	–	–	28,500
Iberville	7	13,500	13,975	3,300	–	–	30,775
Jacques-Cartier	1	2,000	1,000	–	–	–	3,000
Joliette	35	72,050	49,200	–	–	–	121,250
Kamouraska	4	5,250	7,800	410	–	–	13,460
Labelle	5	6,800	7,100	100	–	–	14,000
Laprairie	2	5,000	4,000	–	–	–	9,000
L'Assomption	20	46,900	14,000	900	–	250	62,050
Laval	2	3,000	1,000	–	–	–	4,000
Lévis	4	12,000	8,400	–	–	–	20,400
L'Islet	14	22,800	22,675	2,352	–	–	47,827
Lotbinière	33	78,050	68,400	–	–	–	146,450

II. Capital Invested in Dairy Factories, 1919—con.

II. Capitaux engagés dans l'industrie laitière, 1919—suite.

A. Creameries—Beurreries.

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
Québec—concluded—fin.	no.	$	$	$	$	$	$
Maskinongé	14	28,300	21,100	1,400	–	–	50,800
Matane	15	33,100	32,100	300	–	13,591	79,091
Mégantic	7	7,710	7,900	–	–	–	15,610
Missisquoi	17	56,900	41,750	–	–	–	98,650
Montcalm	16	27,900	27,650	–	–	–	55,550
Montmagny	12	24,075	21,825	2,531	–	–	48,431
Montmorency	11	14,900	19,200	–	–	–	34,100
Montreal	3	–	–	–	–	–	–
Napierville	3	4,800	6,000	–	–	–	10,800
Nicolet	6	12,700	8,950	–	–	–	21,650
Pontiac	3	3,300	5,700	1,200	–	–	10,200
Portneuf	22	32,200	36,700	2,200	–	1,900	73,000
Richelieu	7	24,000	9,900	1,170	–	–	35,070
Richmond	8	15,150	10,800	305	–	–	26,255
Rimouski	5	11,100	11,600	695	–	–	23,395
Rouville	8	19,950	16,200	5,100	–	–	41,250
Shefford	33	110,200	31,600	925	–	–	142,725
Sherbrooke	2	4,060	3,250	–	–	3,000	10,310
Soulanges	7	9,250	10,250	520	–	–	20,020
Stanstead	15	71,300	34,780	4,724	–	19,840	130,644
St-Hyacinthe	1	1,800	1,000	–	–	–	2,800
St-Jean	4	7,400	6,950	850	–	–	15,200
St-Maurice	20	41,000	27,200	3,475	–	–	71,675
Témiscamingue	7	7,800	9,000	2,100	–	–	18,900
Témiscouata	29	61,900	56,650	3,230	–	–	121,780
Terrebonne	19	28,200	20,250	1,890	–	–	50,340
Vaudreuil	5	5,100	6,300	235	–	–	11,635
Verchères	7	17,400	11,500	–	–	–	28,900
Wolfe	3	4,300	3,000	–	–	–	7,300
Yamaska	1	1,225	1,100	105	–	–	2,430
Ontario	179	1,104,025	1,471,996	502,131	270,968	1,066,662	4,715,782
Brant	4	39,409	46,241	2,195	9,618	23,083	120,546
Bruce	9	34,616	29,717	63,534	2,051	15,445	145,363
Carleton	4	196,222	203,232	133,095	72,898	129,272	734,719
Dufferin	3	8,500	38,322	8,125	3,075	11,266	69,288
Durham	2	3,500	8,000	–	–	–	11,500
Elgin	4	5,500	9,500	20,000	850	39,000	74,850
Essex	4	30,000	29,450	795	1,475	5,546	67,266
Grenville	1	6,338	3,753	1,381	–	–	11,472
Grey	8	19,100	36,561	4,988	3,773	12,279	76,701
Haldimand	9	38,175	52,651	8,028	2,860	54,294	156,008
Halton	3	8,000	14,000	1,500	1,150	7,060	31,710
Hastings	5	41,708	47,583	4,534	2,556	17,261	113,642
Huron	11	39,476	57,774	4,692	6,931	27,157	136,030
Kent	6	14,500	14,850	1,900	200	4,457	35,907
Lambton	6	54,800	69,812	16,119	13,474	5,729	159,934
Lanark	2	6,500	9,600	3,000	500	1,300	20,900
Leeds	1	50,000	10,000	–	83,800	–	143,800
Lennox & Addington	1	–	–	–	–	–	–
Lincoln	4	29,553	22,905	2,383	488	12,903	68,232
Middlesex	9	74,027	78,404	70,048	7,269	58,965	288,713
Nipissing	2	19,239	5,708	–	587	3,611	29,145
Norfolk	6	55,600	13,600	30,200	510	–	99,910
Northumberland	4	23,162	6,000	11,246	1,872	7,752	50,032
Ontario	6	28,500	16,500	4,304	1,085	10,460	60,849
Parry Sound	1	1,000	3,000	–	300	330	4,630
Perth	10	59,861	36,384	7,594	3,478	20,120	127,437
Peterborough	3	43,911	50,337	10,380	13,187	32,742	150,557
Prince Edward	1	2,000	4,000	–	–	500	6,500
Rainy River	1	–	3,335	–	–	1,439	4,774
Renfrew	5	15,100	15,245	4,054	4,455	6,155	45,009
Simcoe	7	18,625	31,711	2,082	12,114	5,474	70,006
Stormont	1	–	7,732	2,501	294	5,392	15,919
Victoria 6 / Haliburton 1	7	14,200	33,300	–	1,003	16,177	64,680
Waterloo	7	17,500	31,072	8,120	4,429	27,538	

II. Capital Invested in Dairy Factories, 1919—con.

II. Capitaux engagés dans l'industrie laitière, 1919—suite.

A. Creameries—Beurreries.

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
Ontario—concluded—fin.	no.	$	$	$	$	$	$
Welland	3	12,500	25,500	937	4,150	5,019	48,106
Wellington	6	30,800	59,905	15,436	3,643	30,790	140,574
Wentworth	4	91,072	64,525	10,855	3,103	246,647	416,202
York	9	271,031	281,787	48,105	3,790	221,499	826,212
Manitoba	**44**	**758,114**	**544,871**	**310,765**	**141,556**	**292,153**	**2,047,459**
Brandon	6	76,517	75,550	30,312	9,647	76,965	268,991
Dauphin	5	42,455	35,155	10,022	1,641	5,870	95,143
Lisgar	2	6,000	3,907	–	36	238	10,181
Macdonald	2	4,435	3,644	1,450	200	358	10,087
Marquette	6	27,811	23,454	4,215	6,044	43,391	104,915
Neepawa	2	18,500	6,500	500	300	600	26,400
Nelson	1	2,605	2,622	–	171	–	5,398
Provencher	1	5,134	2,899	–	–	240	8,273
Selkirk	7	21,162	17,305	10,524	1,869	24,798	75,658
Souris	5	19,556	16,151	4,278	2,548	10,638	53,171
Springfield	1	5,000	3,435	34,977	1,398	5,187	49,997
Winnipeg	6	528,939	354,249	214,487	117,702	123,868	1,339,245
Saskatchewan	**42**	**373,386**	**432,046**	**115,037**	**104,636**	**100,940**	**1,126,045**
Assiniboia	5	35,628	31,941	1,760	2,086	14,144	85,559
Battleford	4	20,445	15,796	669	1,607	1,762	40,279
Humboldt	7	24,196	21,939	3,249	4,933	6,658	60,975
Kindersley	2	7,500	5,731	–	844	–	14,075
Mackenzie	4	19,143	21,420	4,226	4,490	1,334	50,613
Moose Jaw	2	125,000	103,929	40,115	49,876	36,626	355,546
North Battleford	3	12,999	17,296	–	1,391	1,642	33,328
Prince Albert	6	26,960	40,381	33,370	7,037	14,295	122,043
Qu'Appelle	1	2,475	2,105	–	925	–	5,505
Regina	1	14,818	43,934	–	17,172	–	75,924
Saltcoats	3	8,782	8,933	–	2,921	–	20,636
Saskatoon	3	62,940	108,641	27,669	11,354	23,629	234,233
Swift Current	1	12,500	10,000	3,979	–	850	27,329
Alberta	**48**	**410,756**	**372,448**	**261,863**	**43,002**	**161,032**	**1,249,101**
Battle River	4	13,558	15,066	8,332	1,407	4,382	42,745
Bow River	4	7,425	7,600	550	760	1,818	18,153
Calgary	7	231,474	116,519	89,237	19,672	94,844	551,746
Edmonton	6	25,107	88,238	121,844	4,523	23,871	263,583
Lethbridge	4	44,615	55,920	20,199	7,467	12,098	140,299
Macleod	1	4,000	2,750	–	150	690	7,590
Medicine Hat	1	46,157	37,226	8,045	3,356	4,827	99,611
Red Deer	14	20,900	23,329	4,113	4,917	3,219	56,478
Strathcona	1	–	–	–	–	–	–
Victoria	6	17,520	25,800	9,543	750	15,283	68,896
British Columbia—Colombie Britannique	**25**	**203,987**	**310,232**	**112,121**	**6,847**	**167,251**	**800,438**
Cariboo	3	7,630	5,707	855	790	4,066	19,048
Comox-Alberni	1	6,519	5,952	2,091	363	10,331	25,256
Kootenay (West)	1	6,735	8,059	3,692	185	14,932	33,603
Nanaimo	3	5,764	4,495	1,131	687	1,966	14,043
New Westminster	3	1,500	8,520	650	62	7,824	18,556
Vancouver	7	153,569	252,685	87,398	2,687	102,193	598,532
Victoria	2	8,500	6,389	10,711	42	9,360	35,002
Westminster	1	3,850	10,179	544	839	–	15,412
Yale	4	9,920	8,246	5,049	1,192	16,579	40,986

II. Capital Invested in Dairy Factories, 1919—con.

II. Capitaux engagés dans l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromageries

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
	no.	$	$	$	$	$	$
CANADA	**1,787**	**2,981,260**	**1,826,306**	**120,852**	**78,797**	**114,354**	**5,121,569**
Prince-Edward Island—Ile du Prince-Edouard	**20**	**31,444**	**16,976**	**–**	**03**	**3,748**	**52,571**
Kings	6	7,464	3,706	–	100	500	11,770
Prince	8	14,180	6,770	–	118	3,228	24,296
Queens	6	9,800	6,500	–	185	20	16,505
Nova Scotia—Nouvelle-Ecosse	**1**	**400**	**400**	**–**	**50**	**113**	**963**
Cumberland	1	400	400	–	50	113	963
New Brunswick—Nouveau-Brunswick	**24**	**16,550**	**9,960**	**150**	**587**	**–**	**27,247**
Gloucester	1	1,500	600	150	–	–	2,250
Kings	16	11,450	7,110	–	437	–	18,997
Madawaska	4	2,300	1,350	–	150	–	3,800
Westmorland	3	1,300	900	–	–	–	2,200
Québec	**833**	**1,343,560**	**546,600**	**64,050**	**–**	**35,725**	**1,889,935**
Argenteuil	35	31,425	19,820	1,443	–	–	52,688
Arthabaska	43	66,900	30,800	1,585	–	–	99,285
Bagot	1	1,000	500	–	–	–	1,500
Beauce	66	48,450	28,040	662	–	–	77,152
Beauharnois	9	5,950	5,250	–	–	–	11,200
Bellechasse	3	16,500	2,100	217	–	–	18,817
Berthier	3	2,600	1,900	275	–	–	4,775
Bonaventure	2	2,500	800	–	–	–	3,300
Brome	1	500	400	–	–	–	900
Chambly	4	5,900	3,050	–	–	–	8,950
Champlain	20	24,850	13,125	2,380	–	–	40,355
Charlevoix	29	36,000	13,380	405	–	–	49,785
Châteauguay	4	4,800	3,200	–	–	–	8,000
Chicoutimi	46	142,250	32,800	4,569	–	3,470	183,089
Compton	4	6,200	2,040	50	–	–	8,290
Deux-Montagnes	2	2,350	2,300	232	–	–	4,882
Dorchester	44	70,280	24,650	3,922	–	–	98,852
Drummond	16	16,375	5,325	–	–	–	21,700
Frontenac	28	26,775	17,375	50	–	–	44,200
Hull	21	13,500	11,650	2,600	–	–	27,750
Huntingdon	5	3,700	3,500	–	–	–	7,200
Iberville	4	4,225	2,450	825	–	–	7,500
Joliette	5	3,750	1,250	–	–	–	5,000
Kamouraska	11	10,600	7,000	1,805	–	–	19,405
Labelle	59	67,800	40,050	1,890	–	11	109,751
Lac St-Jean	79	299,500	98,900	23,600	–	16,300	438,300
Lévis	4	8,000	2,000	350	–	–	10,350
L'Islet	5	8,700	3,800	567	–	–	13,067
Lotbinière	4	5,300	2,000	–	–	–	7,300
Maskinongé	7	5,000	2,550	275	–	–	7,825
Matane	16	19,740	10,810	174	–	9,278	40,002
Mégantic	40	36,500	14,170	–	–	–	50,670
Montcalm	5	4,200	2,450	–	–	–	6,650
Montmagny	5	10,750	4,150	658	–	–	15,558
Montmorency	3	3,300	1,500	–	–	–	4,800
Nicolet	18	15,450	12,775	291	–	–	28,516
Pontiac	2	2,800	1,500	350	–	–	4,650
Portneuf	8	7,800	3,900	375	–	100	12,175
Richelieu	5	4,750	2,175	670	–	–	7,595
Richmond	24	25,300	18,250	728	–	–	44,278
Rimouski	17	23,400	13,950	1,530	–	3,947	42,827
Rouville	15	19,250	12,340	5,625	–	–	37,215
Saguenay	8	9,800	4,300	880	–	2,619	17,599
Sherbrooke	1	1,000	1,200	300	–	–	2,500
Soulanges	1	1,000	1,000	50	–	–	2,050
St-Hyacinthe	1	1,000	950	–	–	–	1,950

II. Capital Invested in Dairy Factories, 1919—con.

II. Capitaux engagés dans l'industrie laitière, 1919—suite.

B. Cheese factories—Fromageries

Province and County or District — ovinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
Québec—concluded—fin.	no.	$	$	$	$	$	$
St-Jean	1	400	275	150	–	–	825
St-Maurice	3	4,800	2,600	325	–	–	7,725
Témiscamingue	5	5,800	3,500	1,500	–	–	10,800
Témiscouata	5	3,300	2,900	545	–	–	6,745
Terrebonne	3	3,350	1,250	–	–	–	4,600
Vaudreuil	11	9,150	7,450	455	–	–	17,055
Verchères	2	2,300	700	–	–	–	3,000
Wolfe	39	62,300	24,000	–	–	–	86,300
Yamaska	31	24,440	16,500	1,742	–	–	42,682
Ontario	888	**1,562,532**	**1,028,497**	**32,391**	**77,375**	**59,170**	**2,759,965**
Algoma	3	2,800	2,150	–	59	–	5,009
Bruce	4	7,000	3,100	50	410	362	10,922
Carleton	47	80,200	51,640	430	4,170	1,298	137,738
Dufferin	2	300	900	–	–	–	1,200
Dundas	50	86,650	59,100	–	4,307	1,175	151,232
Durham	1	800	800	–	100	–	1,700
Elgin	15	27,300	22,250	1,000	2,248	1,747	54,545
Frontenac	66	98,800	66,407	2,572	2,823	2,069	172,671
Glengarry	67	79,225	50,350	835	2,485	2,566	135,661
Grenville	39	54,785	42,188	2,338	3,931	4,824	108,066
Hastings	72	144,850	92,585	–	439	50	237,924
Huron	4	6,200	5,308	406	878	5,045	17,837
Lambton	4	7,200	5,000	–	770	2,176	15,146
Lanark	38	58,355	39,900	30	1,791	595	100,671
Leeds	85	168,025	117,670	1,722	8,417	5,205	301,039
Lennox & Addington	32	71,901	45,512	–	2,170	525	120,108
Lincoln	1	1,000	1,000	–	–	–	2,000
Middlesex	19	50,550	34,000	7,718	2,687	1,539	96,494
Nipissing	14	13,687	9,350	–	770	–	23,807
Norfolk	6	14,700	7,800	1,227	305	–	24,032
Northumberland	35	56,850	40,450	–	899	1,506	99,705
Oxford	21	72,740	39,900	2,600	2,831	–	118,071
Perth	15	58,800	29,103	936	1,472	4,840	95,151
Peterborough	26	44,125	29,000	160	1,395	632	75,312
Prescott	69	93,020	58,400	600	1,926	1,355	155,301
Prince Edward	20	56,400	29,600	221	14,611	4,823	105,655
Renfrew	16	18,800	14,810	1,500	1,564	–	36,674
Russell	59	79,150	55,100	50	3,249	3,494	141,043
Stormont	47	87,115	60,295	300	7,648	1,829	157,187
Victoria	7	9,400	7,400	–	600	–	17,400
Waterloo	3	10,804	5,829	7,696	2,144	11,515	37,988
Welland	1	1,000	1,400	–	276	–	2,676
Manitoba	12	**24,900**	**14,400**	–	**215**	–	**39,515**
Lisgar	1	2,500	1,500	–	–	–	4,000
Provencher	7	12,400	8,500	–	–	–	20,900
Springfield	4	10,000	4,400	–	215	–	14,615
Saskatchewan	1	**1,000**	**1,400**	–	–	**300**	**2,700**
Prince Albert	1	1,000	1,400	–	–	300	2,700
Alberta	5	**97,001**	**200,286**	**24,261**	**167**	**15,298**	**337,013**
Calgary	1	88,551	195,441	24,261	–	15,217	323,470
Edmonton	1	1,000	1,295	–	167	81	2,543
Lethbridge	1	1,350	1,150	–	–	–	2,500
Red Deer	1	5,000	1,000	–	–	–	6,000
Strathcona	1	1,100	1,400	–	–	–	2,500
British Columbia—Colombie Britannique	3	**3,873**	**7,787**	–	–	–	**11,660**
Westminster	3	3,873	7,787	–	–	–	11,660

II. Capital Invested in Dairy Factories, 1919—con.

II. Capitaux engagés dans l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
	no.	$	$	$	$	$	$
CANADA	**453**	**1,857,529**	**1,490,245**	**218,049**	**62,566**	**254,377**	**3,882,766**
Prince Edward Island— Ile du Prince-Edouard	**7**	**18,000**	**8,113**	**–**	**300**	**111**	**26,524**
Kings	1	2,000	1,000	–	100	60	3,160
Prince	1	2,000	1,913	–	100	51	4,064
Queens	5	14,000	5,200	–	100	–	19,300
Québec	**403**	**969,690**	**640,180**	**53,062**	**–**	**20,952**	**1,683,884**
Arthabaska	30	85,200	54,700	1,218	–	–	141,118
Bagot	8	16,600	13,600	–	–	–	30,200
Beauce	14	38,400	25,150	800	–	–	64,350
Beauharnois	9	10,525	13,900	–	–	–	24,425
Berthier	14	16,600	16,200	2,850	–	–	35,650
Chambly	1	–	–	–	–	–	–
Champlain	26	57,600	46,000	9,117	–	–	112,717
Châteauguay	4	9,000	8,200	–	–	–	17,200
Chicoutimi	3	13,500	8,000	435	–	2,004	23,939
Compton	3	8,800	7,350	–	–	–	16,150
Deux-Montagnes	4	10,000	7,800	300	–	–	18,100
Dorchester	1	3,000	3,100	75	–	–	6,175
Drummond	23	44,900	22,150	–	–	–	67,050
Frontenac	4	15,300	10,400	–	–	–	25,700
Huntingdon	13	17,250	22,600	–	–	–	39,850
Iberville	1	2,000	1,500	550	–	–	4,050
Joliette	3	6,000	4,900	–	–	–	10,900
Kamouraska	9	16,400	20,800	2,725	–	–	39,925
Labelle	4	11,200	7,800	1,400	–	–	20,400
Lac St-Jean	18	109,000	61,500	12,350	–	6,800	189,650
L'Assomption	1	700	500	40	–	–	1,240
Maskinongé	17	33,300	28,000	3,550	–	–	64,850
Matane	4	7,945	6,420	174	–	10,648	25,187
Mégantic	7	10,300	9,000	–	–	–	19,300
Montcalm	1	2,500	1,500	–	–	–	4,000
Nicolet	59	114,950	89,500	–	–	–	204,450
Portneuf	16	45,000	29,700	7,100	–	1,500	83,300
Richelieu	13	51,500	12,500	2,800	–	–	66,800
Richmond	5	8,000	6,600	245	–	–	14,845
Rouville	5	9,025	7,950	1,800	–	–	18,775
Shefford	5	14,000	4,800	–	–	–	18,800
Soulanges	3	4,400	5,200	600	–	–	10,200
St-Hyacinthe	25	57,800	10,800	–	–	–	68,600
St-Jean	1	900	850	175	–	–	1,925
Témiscamingue	1	1,000	1,500	300	–	–	2,800
Témiscouata	1	4,000	2,500	150	–	–	6,650
Vaudreuil	2	4,000	5,000	150	–	–	9,150
Verchères	4	7,200	4,450	–	–	–	11,650
Wolfe	10	24,000	15,200	–	–	–	39,200
Yamaska	31	77,895	42,560	4,158	–	–	124,613
Ontario	**37**	**609,289**	**635,482**	**37,942**	**34,396**	**98,519**	**1,415,628**
Algoma	3	3,750	5,500	–	400	435	10,085
Carleton	1	3,000	3,000	–	500	–	6,500
Dundas	3	10,500	4,300	1,000	1,270	–	17,070
Elgin	1	3,600	3,500	–	–	–	7,100
Frontenac	1	25,000	5,000	–	–	–	30,000
Glengarry	1	2,500	3,200	–	–	–	5,700
Haldimand	1	2,500	1,500	–	–	250	4,250
Lanark	2	4,051	3,775	–	20	50	7,896
Leeds	1	1,500	1,500	–	200	8	3,208
Nipissing	3	2,150	3,000	2,000	–	–	7,150
Norfolk	1	6,000	2,000	–	600	–	8,600
Oxford	6	21,400	15,700	–	898	230	38,228
Perth	5	21,920	16,200	351	525	–	38,996
Peterborough	4	9,300	7,550	–	360	–	17,210
Prince Edward	1	4,000	1,800	–	–	–	5,800
Wellington	2	5,500	2,900	–	200	772	9,372
York	1	482,618	555,057	34,591	29,423	96,774	1,198,463

II. Capital Invested in Dairy Factories, 1919—con.

II. Capitaux engagés dans l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et d fromage

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
	no.	$	$	$	$	$	$
Alberta	**5**	**260,550**	**205,670**	**126,695**	**27,745**	**134,795**	**755,455**
Edmonton	2	239,390	193,769	124,857	27,668	127,668	713,352
Red Deer	2	18,660	9,001	1,838	77	7,127	36,703
Strathcona	1	2,500	2,900	–	–	–	5,400
British Columbia—Colombie Britannique	**1**	**–**	**800**	**350**	**125**	**–**	**1,275**
Kootenay (West)	1	–	800	350	125	–	1,275

D. Condensed Milk Factories—Fabriques de lait condensé

CANADA	**24**	**982,024**	**1,663,381**	**365,524**	**939,324**	**2,478,560**	**6,428,813**
Prince Edward Island—Ile du Prince-Edouard	1	78,668	117,852	2,070	141,502	23,320	363,412
Nova Scotia—Nouvelle-Ecosse	2						
Québec	1						
Ontario	17	834,704	1,416,146	327,823	731,858	2,373,090	5,683,621
British Columbia—Colombie Britannique	3	68,652	129,383	35,631	65,964	82,150	381,780

II. Capital Invested in Dairy Factories, 1919—con.

II. Capitaux engagés dans l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
	no.	$	$	$	$	$	$
CANADA	**3,282**	**10,535,122**	**9,282,799**	**2,105,635**	**1,665,872**	**4,798,598**	**28,388,026**
Prince Edward Island—Ile du Prince-Edouard	**38**	**81,142**	**58,942**	**3,469**	**3,056**	**13,901**	**160,510**
Kings	8	10,304	5,906	–	250	733	17,193
Prince	13	26,880	17,733	2,000	718	6,766	54,097
Queens	17	43,958	35,303	1,469	2,088	6,402	89,220
Nova Scotia—Nouvelle-Ecosse	**25**	**95,282**	**101,958**	**34,799**	**87,339**	**105,640**	**425,018**
Annapolis	1	3,000	1,000	–	100	900	5,000
Antigonish	4	14,970	7,609	3,014	575	5,368	31,536
Colchester	5	34,566	51,169	9,970	77,658	23,789	197,152
Cumberland	3	8,965	10,063	383	497	3,237	23,145
Digby	2	1,950	2,250	700	500	1,000	6,400
Halifax	1	3,000	4,775	–	454	2,000	10,229
Hants	1	–	2,000	–	150	4,000	6,150
Inverness	1	3,000	2,477	553	400	1,720	8,150
Kings	2	5,175	5,000	–	100	16,000	26,275
Lunenburg	1	4,589	3,210	579	2,227	9,583	20,188
Pictou	2	9,267	9,443	18,686	3,379	27,064	67,839
Victoria	1	4,000	2,462	158	400	1,550	8,570
Yarmouth	1	2,800	500	756	899	9,429	14,384
New Brunswick—Nouveau-Brunswick	**41**	**72,450**	**56,555**	**7,625**	**7,218**	**21,738**	**165,586**
Albert	1	500	600	–	–	–	1,100
Carleton	1	2,500	1,500	–	100	400	4,500
Gloucester	1	1,500	600	150	–	–	2,250
Kent	1	1,000	1,000	–	–	–	2,000
Kings	20	26,050	15,010	2,750	557	–	44,367
Madawaska	7	12,100	10,050	–	924	140	23,214
St. John	4	12,000	18,895	4,725	4,240	15,950	55,810
Westmorland	6	16,800	8,900	–	1,397	5,248	32,345
Québec	**1,868**	**3,673,479**	**2,293,900**	**172,732**	**63,405**	**105,959**	**6,309,475**
Argenteuil	35	31,425	19,820	1,443	–	–	52,688
Arthabaska	73	152,100	85,500	2,803	–	–	240,403
Bagot	36	72,100	60,700	–	–	–	132,800
Beauce	101	147,950	81,640	1,827	–	–	231,417
Beauharnois	19	19,475	20,950	–	–	–	40,425
Bellechasse	18	46,750	26,075	3,044	–	–	75,869
Berthier	37	41,325	38,950	5,875	–	–	86,150
Bonaventure	13	31,500	24,300	–	–	–	55,800
Brome	16	62,000	40,900	–	–	–	102,900
Chambly	5	5,900	3,050	–	–	–	8,950
Champlain	53	98,750	70,075	13,234	–	–	182,059
Charlevoix	30	39,000	16,880	530	–	–	56,410
Châteauguay	18	32,500	30,400	–	–	–	62,900
Chicoutimi	50	158,250	42,600	5,204	–	5,474	211,528
Compton	20	75,440	39,000	3,425	–	–	117,865
Deux-Montagnes	21	33,850	40,300	2,492	–	–	76,642
Dorchester	54	101,880	54,050	5,712	–	–	161,642
Drummond	43	64,775	29,575	–	–	–	94,350
Frontenac	46	71,975	51,025	227	–	–	123,227
Gaspé	2	3,200	2,800	72	–	5,252	11,324
Hull	22	15,000	12,850	2,900	–	–	30,750
Huntingdon	26	76,194	99,080	63,405	–	5,449	244,128
Iberville	12	19,725	17,925	4,675	–	–	42,325
Jacques-Cartier	1	2,000	1,000	–	–	–	3,000
Joliette	43	81,800	55,350	–	–	–	137,150
Kamouraska	24	32,250	35,600	4,940	–	–	72,790
Labelle	68	85,800	54,950	3,390	–	11	144,151
Lac St-Jean	97	408,500	160,400	35,950	–	23,100	627,950
Laprairie	2	5,000	4,000	–	–	–	9,000
L'Assomption	21	47,600	14,500	940	–	250	63,290
Laval	2	3,000	1,000	–	–	–	4,000
Lévis	8	20,000	10,400	350	–	–	30,750

II. Capital Invested in Dairy Factories, 1919—con.
II. Capitaux engagés dans l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
Québec—concluded—fin.	no.	$	$	$	$	$	$
L'Islet	19	31,500	26,475	2,919	–	–	60,894
Lotbinière	37	83,350	70,400	–	–	–	153,750
Maskinongé	38	66,600	51,650	5,225	–	–	123,475
Matane	35	60,785	49,330	648	–	33,517	144,280
Mégantic	54	54,510	31,070	–	–	–	85,580
Missisquoi	17	56,900	41,750	–	–	–	98,650
Montcalm	22	34,600	31,600	–	–	–	66,200
Montmagny	17	34,825	25,975	3,189	–	–	63,989
Montmorency	14	18,200	20,700	–	–	–	38,900
Montréal	3	–	–	–	–	–	–
Napierville	3	4,800	6,000	–	–	–	10,800
Nicolet	83	143,100	111,225	291	–	–	254,616
Pontiac	5	6,100	7,200	1,550	–	–	14,850
Portneuf	46	85,000	70,300	9,675	–	3,500	168,475
Richelieu	25	80,250	24,575	4,640	–	–	109,465
Richmond	37	48,450	35,650	1,278	–	–	85,378
Rimouski	22	34,500	25,550	2,225	–	3,947	66,222
Rouville	28	48,225	36,490	12,525	–	–	97,240
Saguenay	8	9,800	4,300	880	–	2,619	17,599
Shefford	38	124,200	36,400	925	–	–	161,525
Sherbrooke	3	5,060	4,450	300	–	3,000	12,810
Soulanges	11	14,650	16,450	1,170	–	–	32,270
Stanstead	15	71,300	34,780	4,724	–	19,840	130,644
St-Hyacinthe	27	60,600	12,750	–	–	–	73,350
St-Jean	6	8,700	8,075	1,175	–	–	17,950
St-Maurice	23	45,800	29,800	3,800	–	–	79,400
Témiscamingue	13	14,600	14,000	3,900	–	–	32,500
Témiscouata	35	69,200	62,050	3,925	–	–	135,175
Terrebonne	22	31,550	21,500	1,890	–	–	54,940
Vaudreuil	18	18,250	18,750	840	–	–	37,840
Verchères	13	26,900	16,650	–	–	–	43,550
Wolfe	52	90 600	42,200	–	–	–	132,800
Yamaska	63	103,560	60,160	6,005	–	–	169,725
Ontario	**1,121**	**4,410,550**	**4,552,121**	**900,287**	**1,114,597**	**3,597,141**	**14,574,996**
Algoma	6	6,550	7,650	–	459	435	15,094
Brant	6	84,958	173,493	14,172	53,261	59,717	385,601
Bruce	13	41,616	32,817	63,584	2,461	15,807	156,285
Carleton	52	279,422	257,872	133,525	77,568	130,570	878,957
Dufferin	5	8,800	39,222	8,125	3,075	11,266	70,488
Dundas	54	231,506	303,324	69,991	118,028	229,602	952,451
Durham	3	4,300	8,800	–	100	–	13,200
Elgin	22	111,241	208,112	153,458	3,098	80,451	556,360
Essex	4	30,000	29,450	795	1,475	5,546	67,266
Frontenac	67	123,800	71,407	2,572	2,823	2,069	202,671
Glengarry	68	81,725	53,750	835	2,485	2,566	141,361
Grenville	40	61,123	45,941	3,719	3,931	4,824	119,538
Grey	8	19,100	36,561	4,988	3,773	12,279	76,701
Haldimand	10	40,675	54,151	8,028	2,860	54,544	160,258
Halton	3	8,000	14,000	1,500	1,150	7,060	31,710
Hastings	77	186,558	140,168	4,534	2,995	17,311	351,566
Huron	15	45,676	63,082	5,098	7,809	32,202	153,867
Kent	6	14,500	14,850	1,900	200	4,457	35,907
Lambton	10	62,000	74,812	16,119	14,244	7,905	175,080
Lanark	42	68,906	53,275	3,030	2,311	1,945	129,467
Leeds	88	358,646	257,194	88,790	220,564	2,030,750	2,955,944
Lennox & Addington	33	71,901	45,512	–	2,170	525	120,108
Lincoln	5	30,553	23,905	2,383	488	12,903	70,232
Middlesex	30	188,748	218,565	77,766	41,583	60,504	587,166
Nipissing	19	35,076	18,058	2,000	1,357	3,611	60,102
Norfolk	14	82,300	27,400	31,727	1,515	–	142,942
Northumberland	39	80,012	46,450	11,246	2,771	9,258	149,737
Ontario	6	28,500	16,500	4,304	1,085	10,460	60,849
Oxford	34	464,806	683,613	28,999	419,047	20,110	1,616,575
Parry Sound	1	1,000	3,000	–	300	330	4,630
Perth	30	140,581	81,687	8,881	5,475	24,960	261,584
Peterborough	33	97,336	86,887	10,540	14,942	33,374	243,079
Prescott	69	93,020	58,400	600	1,926	1,355	155,301
Prince Edward	23	62,400	45,310	851	15,183	28,231	151,975
Rainy River	1	–	3,335	–	–	1,439	4,774

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II. Capital Invested in Dairy Factories, 1919—concluded.

II. Capitaux engagés dans l'industrie laitière, 1919—fin.

E. All Factories—Toutes fabriques.

Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Land and Buildings — Terrains et bâtiments	Machinery and Tools — Machinerie et outillage	Products on hand — Produits en stock	Fuel and Miscellaneous Supplies on hand — Combustible et approvisionnements divers en stock	Cash and Operating Accounts — Caisse et comptes courants	Total Capital Invested — Total des capitaux engagés
Ontario—concluded—fin.	no.	$	$	$	$	$	$
Renfrew	21	33,900	30,055	5,554	6,019	6,155	81,683
Russell	59	79,150	55,100	50	3,249	3,494	141,043
Simcoe	7	18,625	31,711	2,082	12,114	5,474	70,006
Stormont	48	87,115	68,027	2,801	7,942	7,221	173,106
Haliburton 1 / Victoria 13	14	23,600	40,700	–	1,603	16,177	82,080
Waterloo	10	28,304	36,901	15,816	6,573	39,053	126,647
Welland	4	13,500	26,900	937	4,426	5,019	50,782
Wellington	8	36,300	62,805	15,436	3,843	31,562	149,946
Wentworth	4	91,072	64,525	10,855	3,103	246,647	416,202
York	10	753,649	836,844	82,696	33,213	318,273	2,024,675
Manitoba	**56**	**783,014**	**559,271**	**310,765**	**141,771**	**292,153**	**2,086,974**
Brandon	6	76,517	75,550	30,312	9,647	76,965	268,991
Dauphin	5	42,455	35,155	10,022	1,641	5,870	95,143
Lisgar	3	8,500	5,407	–	36	238	14,181
Macdonald	2	4,435	3,644	1,450	200	358	10,087
Marquette	6	27,811	23,454	4,215	6,044	43,391	104,915
Neepawa	2	18,500	6,500	500	300	600	26,400
Nelson	1	2,605	2,622	–	171	–	5,398
Provencher	8	17,534	11,399	–	–	240	29,173
Selkirk	7	21,162	17,305	10,524	1,869	24,798	75,658
Souris	5	19,556	16,151	4,278	2,548	10,633	53,171
Springfield	5	15,000	7,835	34,977	1,613	5,187	64,612
Winnipeg	6	528,939	354,249	214,487	117,702	123,868	1,339,245
Saskatchewan	**43**	**374,386**	**433,446**	**115,037**	**104,636**	**101,240**	**1,128,745**
Assiniboia	5	35,628	31,941	1,760	2,086	14,144	85,559
Battleford	4	20,445	15,796	669	1,607	1,762	40,279
Humboldt	7	24,196	21,939	3,249	4,933	6,658	60,975
Kindersley	2	7,500	5,731	–	844	–	14,075
Mackenzie	4	19,143	21,420	4,226	4,490	1,334	50,613
Moose Jaw	2	125,000	103,929	40,115	49,876	36,626	355,546
North Battleford	3	12,999	17,296	–	1,391	1,642	33,328
Prince Albert	7	27,960	41,781	33,370	7,037	14,595	124,743
Qu'Appelle	1	2,475	2,105	–	925	–	5,505
Regina	1	14,818	43,934	–	17,172	–	75,924
Saltcoats	3	8,782	8,933	–	2,921	–	20,636
Saskatoon	3	62,940	108,641	27,669	11,354	23,629	234,233
Swift Current	1	12,500	10,000	3,979	–	850	27,329
Alberta	**58**	**768,307**	**778,404**	**412,819**	**70,914**	**311,125**	**2,341,569**
Battle River	4	13,558	15,066	8,332	1,407	4,382	42,745
Bow River	4	7,425	7,600	550	760	1,818	18,153
Calgary	8	320,025	311,960	113,498	19,672	110,061	875,216
Edmonton	9	265,497	283,302	246,701	32,358	151,620	979,478
Lethbridge	5	45,965	57,070	20,199	7,467	12,098	142,799
Macleod	1	4,000	2,750	–	150	690	7,590
Medicine Hat	1	46,157	37,226	8,045	3,356	4,827	99,611
Red Deer	17	44,560	33,330	5,951	4,994	10,346	99,181
Strathcona	3	3,600	4,300	–	–	–	7,900
Victoria	6	17,520	25,800	9,543	750	15,283	68,896
British Columbia—Colombie Britannique	**32**	**276,512**	**448,202**	**148,102**	**72,936**	**249,401**	**1,195,153**
Cariboo	3	7,630	5,707	855	790	4,066	19,048
Comox-Alberni	2	19,234	23,896	7,949	363	13,639	65,081
Kootenay (West)	2	6,735	8,859	4,042	310	14,932	34,878
Nanaimo	3	5,764	4,495	1,131	687	1,966	14,043
New Westminster	4	21,674	61,177	30,423	18,306	65,893	197,473
Vancouver	7	153,569	252,685	87,398	2,687	102,193	598,532
Victoria	2	8,500	6,389	10,711	42	9,360	35,002
Westminster	5	43,486	76,748	544	48,559	20,773	190,110
Vale	4	9,920	8,246	5,049	1,192	16,579	40,986

III. Labour Statistics of Dairy Factories, 1919

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919

A. Creameries—Beurreries

	Province and County or District Provinces et comtés ou districts	Establishments Etablissements	Superintendents and managers including head makers Directeurs, gérants et chefs de fabrication		Other Salaried Employees Commis		Employees on Wages Ouvriers et journaliers	
		no.	no.	$	no.	$	no.	$
	CANADA	**1,018**	**609**[1]	**888,471**[1]	**491**[1]	**369,401**[1]	**3,533**[1]	**2,811,323**[1]
	Prince Edward Island—Ile du Pr.-Ed.	**10**	**13**	**8,929**	**6**	**1,635**	**4**	**1,220**
1	Kings	1	1	330	1	25	–	–
2	Prince	4	6	4,958	2	1,100	–	–
3	Queens	5	6	3,641	3	510	4	1,220
	Nova Scotia—Nouvelle-Ecosse	**22**	**31**	**26,006**	**9**	**3,038**	**45**	**19,703**
4	Annapolis	1	1	1,200	1	200	–	–
5	Antigonish	4	5	3,467	2	299	6	2,010
6	Colchester	3	6	4,625	1	311	6	2,405
7	Cumberland	2	3	2,800	1	280	11	3,724
8	Digby	2	3	1,020	–	–	–	–
9	Halifax	1	1	1,400	–	–	3	1,200
10	Hants	1	1	720	–	–	1	300
11	Inverness	1	1	900	–	–	1	240
12	Kings	2	3	2,300	–	–	5	1,850
13	Lunenburg	1	1	840	1	720	3	2,390
14	Pictou	2	4	4,700	2	820	5	3,297
15	Victoria	1	1	900	–	–	1	458
16	Yarmouth	1	1	1,134	1	408	3	1,829
	New Brunswick—Nouveau-Brunswick—	**17**	**23**	**22,569**	**15**	**9,070**	**49**	**32,358**
17	Albert	1	1	290	–	–	–	–
18	Carleton	1	1	1,600	–	–	7	1,800
19	Kent	1	1	500	–	–	–	–
20	Kings	4	5	3,362	1	780	6	4,500
21	Madawaska	3	3	1,457	2	130	2	610
22	St. John	4	6	9,560	10	6,960	34	25,448
23	Westmorland	3	6	5,800	2	1,200	–	–
	Québec	**631**	–[1]	–[1]	–[1]	–[1]	**1,062**[1]	**553,299**[1]
24	Bagot	27	–	–	–	–	43	23,428
25	Beauce	21	–	–	–	–	32	15,268
26	Beauharnois	1	–	–	–	–	7	3,215
27	Bellechasse	15	–	–	–	–	35	8,861
28	Berthier	20	–	–	–	–	28	12,719
29	Bonaventure	11	–	–	–	–	13	4,817
30	Brome	15	–	–	–	–	37	29,152
31	Champlain	7	–	–	–	–	13	5,460
32	Charlevoix	1	–	–	–	–	2	700
33	Châteauguay	10	–	–	–	–	18	8,481
34	Chicoutimi	1	–	–	–	–	2	1,920
35	Compton	13	–	–	–	–	19	12,591
36	Deux-Montagnes	15	–	–	–	–	20	9,649
37	Dorchester	9	–	–	–	–	16	6,762
38	Drummond	4	–	–	–	–	4	2,272
39	Frontenac	14	–	–	–	–	16	8,152
40	Gaspé	2	–	–	–	–	2	1,215
41	Hull	1	–	–	–	–	2	1,050
42	Huntingdon	7	–	–	–	–	12	8,118
43	Iberville	7	–	–	–	–	14	7,188
44	Jacques-Cartier	1	–	–	–	–	1	500
45	Joliette	35	–	–	–	–	56	29,038
46	Kamouraska	4	–	–	–	–	9	3,302
47	Labelle	5	–	–	–	–	6	2,702
48	Laprairie	2	–	–	–	–	4	3,010
49	L'Assomption	20	–	–	–	–	29	10,268
50	Laval	2	–	–	–	–	1	725
51	Lévis	4	–	–	–	–	5	2,163
52	L'Islet	14	–	–	–	–	20	8,233
53	Lotbinière	33	–	–	–	–	52	21,511
54	Maskinongé	14	–	–	–	–	19	11,860
55	Matane	15	–	–	–	–	29	11,322
56	Mégantic	7	–	–	–	–	9	3,871
57	Missisquoi	17	–	–	–	–	40	30,851
58	Montcalm	16	–	–	–	–	28	14,455
59	Montmagny	12	–	–	–	–	20	8,141

[1] In Quebec no distinction is made between salaried employees and wage-earners. The totals for Quebec in this table are given in the column headed "Employees on wages." [1] Dans Québec, il n'est pas fait de distinction entre les genres d'emploi. La totalité du personnel dans cette province figure dans la colonne "Ouvriers et journaliers".

III. Labour Statistics of Dairy Factories, 1919

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919

A. Creameries—Beurreries

Wage Earners on 15th of each month

Nombre d'ouvriers le 15 de chaque mois

Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
1,537	**1,592**	**1,790**	**2,288**	**2,968**	**3,207**	**3,533**	**3,422**	**3,195**	**2,959**	**2,573**	**2,230**	
3	**3**	**3**	**3**	**3**	**4**	**4**	**4**	**4**	**3**	**3**	**3**	
–	–	–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	–	–	2
3	3	3	3	3	4	4	4	4	3	3	3	3
19	**19**	**19**	**23**	**29**	**37**	**45**	**44**	**42**	**33**	**27**	**24**	
	–	–	–	–	–	–	–	–	–	–	–	4
1	1	1	2	2	5	6	6	6	4	2	2	5
3	3	3	4	4	5	6	6	5	5	3	4	6
3	3	3	3	4	6	11	9	8	7	6	3	7
–	–	–	–	–	–	–	–	–	–	–	–	7
2	2	2	3	3	3	3	3	3	2	2	2	9
1	1	1	1	1	1	1	1	1	1	1	1	10
–	–	–	–	1	1	1	1	1	–	–	–	11
2	2	2	2	4	5	5	5	5	4	3	3	12
1	1	1	1	2	3	3	3	3	2	2	1	13
4	4	4	4	4	4	5	5	5	4	4	4	14
–	–	–	–	1	1	1	1	1	–	–	–	15
2	2	2	3	3	3	3	4	4	4	4	4	16
34	**33**	**32**	**34**	**41**	**45**	**49**	**46**	**42**	**38**	**32**	**31**	
–	–	–	–	–	–	–	–	–	–	–	–	17
–	–	–	1	2	7	7	6	4	2	–	–	18
–	–	–	–	–	–	–	–	–	–	–	–	19
1	1	2	3	6	6	6	6	5	5	4	3	20
–	–	–	–	2	2	2	2	1	1	–	–	21
33	32	30	30	31	30	34	32	32	30	28	28	22
–	–	–	–	–	–	–	–	–	–	–	–	23
163	**165**	**279**	**628**	**963**	**1,059**	**1,062**	**1,059**	**1,044**	**1,008**	**794**	**517**	
2	2	12	36	42	43	43	43	43	42	39	36	24
–	–	–	5	30	32	32	29	28	28	16	5	25
–	–	–	3	5	7	7	7	6	5	4	3	26
–	–	–	1	28	35	35	35	35	29	8	–	27
–	–	10	26	28	28	28	28	28	28	25	17	28
–	–	–	–	2	13	13	13	13	13	8	–	29
20	21	26	28	34	37	37	37	35	32	30	28	30
–	–	–	6	12	13	13	13	13	13	11	11	31
–	–	–	–	2	2	2	2	2	2	–	–	32
9	7	7	16	18	18	18	18	18	18	16	14	33
2	2	2	2	2	2	2	2	2	2	2	2	34
5	5	10	15	15	19	19	19	19	17	16	10	35
–	–	–	22	22	20	20	20	22	22	20	–	36
–	–	–	4	16	16	16	16	16	16	4	–	37
1	1	2	4	4	4	4	4	4	4	2	2	38
–	–	–	8	15	16	16	16	16	16	9	–	39
–	–	–	–	2	2	2	2	2	2	2	–	40
–	–	2	2	2	2	2	2	2	2	–	–	41
8	7	7	12	12	12	12	12	12	12	12	11	42
4	4	7	12	13	14	14	14	13	13	12	10	43
–	–	–	1	1	1	1	1	1	1	1	–	44
2	2	15	44	54	56	56	56	54	53	48	31	45
–	–	–	2	8	9	9	9	9	8	6	5	46
–	–	–	1	3	6	6	6	6	5	3	–	47
3	3	3	4	4	4	4	4	4	4	4	4	48
–	–	2	20	25	28	29	29	29	29	27	22	49
–	–	–	1	1	1	1	1	1	1	–	–	50
–	–	–	–	5	5	5	5	5	5	3	–	51
–	–	–	–	14	20	20	20	20	17	7	–	52
12	9	24	36	52	52	52	53	52	49	44	26	53
–	–	–	16	19	19	19	19	19	19	17	16	54
–	–	–	4	21	29	29	29	29	29	13	–	55
–	–	–	–	8	9	9	9	9	9	–	–	56
29	29	37	38	40	40	40	41	41	41	39	38	57
–	–	–	22	28	28	28	28	28	28	26	12	58
–	–	–	–	16	20	20	20	20	19	11	5	59

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite

A. Creameries—Beurreries

	Province and County or District Provinces et comtés ou districts	Establishments Etablissements	Superintendents and managers including head makers Directeurs, gérants et chefs de fabrication		Other Salaried Employees Commis		Employees on Wages Ouvriers et journaliers	
	Québec—concluded—fin.	no.	no.	$	no.	$	no.	$
1	Montmorency	11	–	–	–	–	18	7,356
2	Montréal	3	–	–	–	–	21	27,822
3	Napierville	3	–	–	–	–	5	2,750
4	Nicolet	6	–	–	–	–	8	4,120
5	Pontiac	3	–	–	–	–	6	5,097
6	Portneuf	22	–	–	–	–	41	23,104
7	Richelieu	7	–	–	–	–	11	4,550
8	Richmond	8	–	–	–	–	10	6,802
9	Rimouski	5	–	–	–	–	11	4,685
10	Rouville	8	–	–	–	–	19	10,876
11	Shefford	33	–	–	–	–	51	32,250
12	Sherbrooke	2	–	–	–	–	2	1,285
13	Soulanges	7	–	–	–	–	11	4,205
14	Stanstead	15	–	–	–	–	34	21,006
15	St-Hyacinthe	1	–	–	–	–	2	915
16	St-Jean	4	–	–	–	–	7	3,281
17	St-Maurice	20	–	–	–	–	29	11,195
18	Témiscamingue	7	–	–	–	–	12	7,100
19	Témiscouata	29	–	–	–	–	50	18,470
20	Terrebonne	19	–	–	–	–	24	10,900
21	Vaudreuil	5	–	–	–	–	5	2,705
22	Verchères	7	–	–	–	–	17	7,580
23	Wolfe	3	–	–	–	–	4	1,975
24	Yamaska	1	–	–	–	–	1	300
	Ontario	**179**	**302**	**425,714**	**195**	**142,723**	**1,200**	**1,148,936**
25	Brant	4	6	8,986	6	3,167	20	15,520
26	Bruce	9	13	15,598	9	3,085	28	17,235
27	Carleton	4	18	60,660	24	44,363	296	400,572
28	Dufferin	3	6	7,664	–	–	15	8,376
29	Durham	2	2	1,196	4	267	3	1,250
30	Elgin	4	6	7,450	1	700	6	4,470
31	Essex	4	6	5,925	–	–	14	13,578
32	Grenville	1	1	1,250	1	540	4	1,945
33	Grey	8	14	16,558	10	3,275	12	6,131
34	Haldimand	9	13	14,745	4	2,172	20	11,081
35	Halton	3	5	5,050	2	1,824	5	4,300
36	Hastings	5	7	10,840	6	5,156	36	17,542
37	Huron	11	18	21,111	5	2,434	28	12,156
38	Kent	6	6	5,560	2	552	11	5,256
39	Lambton	6	9	12,862	11	4,969	42	26,695
40	Lanark	2	3	5,200	1	336	4	2,700
41	Leeds	1	2	3,768	8	8,107	3	2,311
42	Lennox & Addington	1	1	1,320	–	–	2	831
43	Lincoln	4	5	5,894	1	936	20	20,203
44	Middlesex	9	15	22,586	13	8,892	39	31,518
45	Nipissing	2	4	4,400	1	260	2	507
46	Norfolk	6	10	12,280	2	1,500	10	7,275
47	Northumberland	4	4	4,880	1	480	11	7,509
48	Ontario	6	9	11,714	4	1,600	11	7,490
49	Parry Sound	1	1	600	–	–	1	300
50	Perth	10	15	18,430	8	3,736	30	16,977
51	Peterborough	3	8	10,850	5	3,612	33	24,685
52	Prince Edward	1	1	1,800	2	900	–	–
53	Rainy River	1	1	1,200	–	–	2	1,600
54	Renfrew	5	6	6,480	1	900	11	4,734
55	Simcoe	7	11	11,765	2	636	15	5,426
56	Stormont	1	2	3,417	1	720	4	1,648
57	Haliburton 1							
58	Victoria 6	7	15	17,455	5	1,848	21	11,921
59	Waterloo	7	12	14,200	3	2,189	22	17,810
60	Welland	3	3	3,500	2	450	10	6,300
61	Wellington	6	10	10,905	7	4,068	28	14,944
62	Wentworth	4	9	14,436	17	10,892	130	119,806
63	York	9	25	43,179	26	18,157	251	296,334

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III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

Wage Earners on 15th of each month — Nombre d'ouvriers le 15 de chaque mois												
Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
–	–	–	3	14	18	18	18	17	17	10	6	1
18	19	17	18	21	22	21	22	24	24	23	20	2
3	3	3	4	5	5	5	5	5	5	4	3	3
–	–	–	8	8	8	8	8	8	8	8	8	4
1	1	1	2	4	5	6	6	6	6	5	3	5
1	1	3	33	39	41	41	41	41	40	34	30	6
–	–	–	1	9	11	11	11	10	9	9	7	7
2	2	4	9	10	10	10	10	10	10	6	6	8
–	–	–	–	10	10	11	11	11	11	10	2	9
9	10	11	16	20	20	19	19	18	17	17	15	10
13	16	41	50	50	51	51	51	50	49	46	31	11
–	–	1	1	2	2	2	2	2	1	1	1	12
–	–	–	3	10	11	11	11	9	9	9	4	13
12	14	19	22	28	32	34	32	28	26	20	17	14
–	–	–	1	1	2	2	2	1	1	1	1	15
2	2	2	6	7	7	7	7	7	7	6	5	16
–	–	5	17	28	29	29	29	29	28	24	18	17
2	2	2	10	12	12	12	12	12	12	10	10	18
–	–	–	–	33	50	50	50	50	48	28	–	19
3	3	4	16	22	24	24	24	24	21	14	5	20
–	–	–	3	5	5	5	5	5	5	4	1	21
–	–	–	12	17	17	17	17	17	17	17	16	22
–	–	–	1	4	4	4	4	3	3	2	–	23
–	–	–	1	1	1	1	–	1	1	1	–	24
727	**736**	**767**	**855**	**965**	**1,143**	**1,200**	**1,153**	**1,073**	**998**	**920**	**863**	
13	13	14	14	16	18	20	20	19	17	15	13	25
8	8	5	15	24	26	28	28	24	22	16	11	26
202	208	213	230	235	280	296	280	256	253	239	238	27
1	1	2	6	7	14	15	15	15	11	11	8	28
–	–	–	–	3	3	3	3	3	3	2	1	29
2	2	3	4	5	6	6	6	6	5	5	5	30
9	9	9	10	10	13	14	13	12	10	11	11	31
3	3	3	3	5	4	4	3	3	2	3	3	32
2	2	6	7	10	11	12	12	11	10	8	2	33
10	10	13	13	16	19	20	16	17	16	14	14	34
4	4	4	4	4	5	5	5	5	5	4	4	35
8	10	10	13	27	31	36	33	31	26	22	16	36
7	7	8	17	22	27	28	28	23	22	15	12	37
4	4	4	4	7	10	11	11	9	7	5	5	38
17	17	18	26	28	38	42	33	28	27	18	19	39
4	4	4	4	4	4	4	4	4	4	4	4	40
4	4	4	4	3	3	3	3	3	3	3	3	41
–	–	–	1	1	2	2	2	2	2	1	1	42
18	18	19	19	20	20	20	20	19	19	19	19	43
25	25	24	27	33	40	39	38	32	31	29	27	44
–	–	–	–	1	1	2	1	1	1	1	–	45
9	9	9	10	10	10	10	10	3	3	3	3	46
7	7	7	8	10	11	11	11	11	11	11	9	47
6	6	6	6	10	11	11	11	11	11	7	6	48
–	–	–	–	–	1	1	1	1	1	–	–	49
17	17	17	22	25	31	30	30	24	22	20	17	50
10	10	11	13	18	30	33	32	34	32	28	22	51
–	–	–	–	–	–	–	–	–	–	–	–	52
–	–	–	–	–	2	2	2	2	2	–	–	53
2	2	2	4	8	9	11	11	9	7	5	3	54
–	–	1	4	9	11	15	13	12	9	8	1	55
1	1	1	2	3	4	4	4	3	3	1	–	56
5	5	5	7	12	20	21	17	15	13	7	5	57
												58
12	12	16	17	19	20	22	22	20	18	17	17	59
5	5	5	7	9	10	10	10	9	7	4	4	60
14	14	16	20	24	28	28	29	25	22	17	15	61
92	99	103	104	108	123	130	130	121	109	107	107	62
206	200	205	210	219	247	251	246	250	232	240	238	63

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Superintendents and managers including head makers — Directeurs, gérants et chefs de fabrication		Other Salaried Employees — Commis		Employees on Wages — Ouvriers et journaliers	
		no.	no.	$	no.	$	no.	$
	Manitoba	**44**	**74**	**142,744**	**87**	**74,407**	**511**	**541,315**
1	Brandon	6	12	20,479	14	11,010	40	26,181
2	Dauphin	5	7	11,180	7	4,943	14	6,905
3	Lisgar	2	2	1,800	1	600	5	560
4	Macdonald	2	2	2,375	1	125	1	300
5	Marquette	6	9	12,777	4	3,968	19	10,908
6	Neepawa	2	3	6,300	1	480	3	1,020
7	Nelson	1	1	800	–	–	2	605
8	Provencher	1	1	900	–	–	–	–
9	Selkirk	7	10	12,056	5	1,800	9	7,589
10	Souris	5	7	10,287	4	1,470	6	2,290
11	Springfield	1	2	4,500	2	1,668	7	4,198
12	Winnipeg	6	18	59,290	48	48,343	405	480,759
	Saskatchewan	**42**	**63**	**100,947**	**76**	**47,357**	**313**	**240,652**
13	Assiniboia	5	7	10,036	6	5,985	10	2,956
14	Battleford	4	4	5,650	1	300	6	2,554
15	Humboldt	7	8	14,400	3	1,912	18	12,620
16	Kindersley	2	3	2,496	–	–	1	1,624
17	Mackenzie	4	6	9,180	5	1,957	18	8,387
18	Moose Jaw	2	4	10,800	36	13,860	68	54,621
19	North Battleford	3	5	4,565	–	–	5	1,558
20	Prince Albert	6	9	12,654	5	4,180	29	17,922
21	Qu'Appelle	1	1	1,500	–	–	1	190
22	Regina	1	4	8,460	6	6,240	76	70,143
23	Saltcoats	3	4	5,006	–	–	8	3,411
24	Saskatoon	3	6	12,000	14	12,923	70	63,466
25	Swift Current	1	2	4,200	–	–	3	1,200
	Alberta	**48**	**72**	**112,523**	**68**	**61,978**	**183**	**137,323**
26	Battle River	4	7	11,280	3	2,220	7	3,942
27	Bow River	4	5	4,320	2	615	3	555
28	Calgary	7	13	25,385	16	19,336	55	52,633
29	Edmonton	6	11	16,899	23	18,863	42	26,504
30	Lethbridge	4	6	9,940	7	5,861	23	18,597
31	Macleod	1	1	1,040	1	200	–	–
32	Medicine Hat	1	4	7,800	5	6,060	13	9,300
33	Red Deer	14	16	23,700	5	2,503	22	11,410
34	Strathcona	1	1	600	–	–	–	–
35	Victoria	6	8	11,559	6	6,320	18	14,382
	British Columbia—Colombie Britannique	**25**	**31**	**49,039**	**35**	**29,193**	**166**	**136,517**
36	Cariboo	3	3	4,840	–	–	4	2,025
37	Comox-Alberni	1	1	2,000	1	850	1	1,090
38	Kootenay West	1	1	1,920	1	600	5	2,900
39	Nanaimo	3	4	6,539	3	1,180	2	2,551
40	New Westminster	3	4	3,450	1	850	12	12,900
41	Vancouver	7	8	15,460	22	21,696	114	92,936
42	Victoria	2	4	6,000	4	2,457	16	11,425
43	Westminster	1	1	1,830	–	–	6	7,203
44	Yale	4	5	7,000	3	1,560	6	3,487

SESSIONAL PAPER No. 17e

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite

A. Creameries—Beurreries

Wage Earners on 15th of each month — Nombre d'ouvriers le 15 de chaque mois												
Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
323	**339**	**399**	**409**	**465**	**314**	**511**	**501**	**453**	**412**	**385**	**382**	
10	12	13	19	28	36	40	36	25	18	15	14	1
2	2	3	4	8	8	14	14	10	6	4	3	2
–	–	–	–	–	5	5	2	–	–	–	–	3
–	–	–	–	–	1	1	1	1	1	–	–	4
6	6	8	10	14	19	19	17	16	10	9	7	5
–	–	–	1	2	3	3	2	3	2	–	–	6
–	–	–	–	1	2	2	1	1	1	–	–	7
–	–	–	–	–	–	–	–	–	–	–	–	8
4	4	4	4	7	9	9	8	7	5	4	4	9
–	–	1	1	3	5	6	3	3	3	1	1	10
3	3	5	4	4	7	7	7	6	6	5	5	11
298	312	365	366	398	219	405	410	381	360	347	348	12
136	**142**	**142**	**167**	**230**	**292**	**313**	**269**	**221**	**190**	**162**	**157**	
–	–	–	–	2	7	10	7	6	3	–	–	13
1	1	2	3	3	6	6	5	5	4	1	1	14
4	5	6	9	15	20	18	18	15	8	7	8	15
1	1	1	1	2	3	1	1	1	1	1	1	16
–	–	–	5	12	18	18	14	9	6	2	1	17
24	30	29	29	40	59	68	49	35	29	31	29	18
–	–	–	–	3	5	5	4	1	–	–	–	19
10	9	10	14	22	26	29	22	18	13	10	11	20
–	–	–	–	–	–	1	1	1	–	–	–	21
48	47	46	52	62	69	76	70	59	62	50	47	22
–	–	–	1	6	8	8	5	4	3	–	–	23
48	49	48	53	63	69	70	71	65	60	59	58	24
–	–	–	–	–	2	3	2	2	1	1	1	25
76	**84**	**75**	**86**	**121**	**155**	**183**	**178**	**156**	**125**	**101**	**92**	
1	1	2	2	3	7	7	6	5	2	2	1	26
–	–	–	–	–	2	3	2	2	1	1	1	27
37	43	36	39	42	48	55	57	57	52	43	41	28
6	7	8	9	22	32	42	41	35	25	17	14	29
15	16	10	14	16	16	23	22	17	15	16	14	30
–	–	–	–	–	–	–	–	–	–	–	–	31
7	7	8	8	10	11	13	12	10	9	8	8	32
4	4	5	5	13	20	22	22	15	10	8	7	33
–	–	–	–	–	–	–	–	–	–	–	–	34
6	6	6	9	15	19	18	16	15	11	6	6	35
56	**71**	**74**	**83**	**151**	**158**	**166**	**168**	**160**	**152**	**149**	**161**	
2	2	3	3	3	4	4	4	4	4	3	3	36
1	1	1	1	1	1	1	1	1	1	1	1	37
3	3	3	4	5	5	5	5	4	3	4	3	38
2	2	2	2	2	2	2	2	2	2	2	2	39
2	12	12	13	12	12	12	12	12	11	11	2	40
24	29	31	36	103	109	114	118	113	108	106	128	41
13	13	13	14	14	14	16	15	14	14	13	13	42
6	6	6	6	6	6	6	6	6	6	6	6	43
3	3	3	4	5	5	6	5	4	3	3	3	44

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromageries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Superintendents and managers including head makers — Directeurs, gérants et chefs de fabrication		Other Salaried Employees — Commis		Employees on Wages — Ouvriers et journaliers	
		no.	no.	$	no.	$	no.	$
	CANADA	**1,787**	**1,054**[1]	**840,709**[1]	**822**[1]	**60,628**[1]	**1,539**[1]	**638,529**[1]
	Prince Edward Island—Ile du Pr.-Ed	**20**	**23**	**10,591**	**16**	**1,592**	**13**	**2,333**
1	Kings	6	6	1,768	5	383	–	–
2	Prince	8	10	5,598	6	760	10	1,901
3	Queens	6	7	3,225	5	449	3	432
	Nova Scotia—Nouvelle-Ecosse	**1**	**2**	**580**	**1**	**60**	–	–
4	Cumberland	1	2	580	1	60	–	–
	New Brunswick—Nouveau-Brunswick	**24**	**24**	**12,290**	**10**	**588**	**5**	**1,110**
5	Gloucester	1	1	340	–	–	–	–
6	Kings	16	16	9,245	8	498	5	1,110
7	Madawaska	4	4	1,410	1	40	–	–
8	Westmorland	3	3	1,295	1	50	–	–
	Québec	**833**	–[1]	–[1]	–[1]	–[1]	**1,067**[1]	**478,124**[1]
9	Argenteuil	35	–	–	–	–	41	17,340
10	Arthabaska	43	–	–	–	–	86	32,060
11	Bagot	1	–	–	–	–	2	520
12	Beauce	66	–	–	–	–	73	32,219
13	Beauharnois	9	–	–	–	–	10	3,544
14	Bellechasse	3	–	–	–	–	4	1,693
15	Berthier	3	–	–	–	–	5	1,200
16	Bonaventure	2	–	–	–	–	3	705
17	Brome	1	–	–	–	–	1	600
18	Chambly	4	–	–	–	–	2	1,825
19	Champlain	20	–	–	–	–	23	9,163
20	Charlevoix	29	–	–	–	–	31	10,770
21	Châteauguay	4	–	–	–	–	10	3,018
22	Chicoutimi	46	–	–	–	–	53	28,125
23	Compton	4	–	–	–	–	4	2,069
24	Deux-Montagnes	2	–	–	–	–	4	1,280
25	Dorchester	44	–	–	–	–	54	21,764
26	Drummond	16	–	–	–	–	18	8,056
27	Frontenac	28	–	–	–	–	28	14,949
28	Hull	21	–	–	–	–	24	10,270
29	Huntingdon	5	–	–	–	–	6	2,860
30	Iberville	4	–	–	–	–	6	2,502
31	Joliette	5	–	–	–	–	5	1,797
32	Kamouraska	11	–	–	–	–	22	7,685
33	Labelle	59	–	–	–	–	68	31,031
34	Lac-St-Jean	79	–	–	–	–	110	60,907
35	Lévis	4	–	–	–	–	6	2,400
36	L'Islet	5	–	–	–	–	5	2,081
37	Lotbinière	4	–	–	–	–	6	2,682
38	Maskinongé	7	–	–	–	–	7	3,550
39	Matane	16	–	–	–	–	18	7,240
40	Mégantic	40	–	–	–	–	50	21,885
41	Montcalm	5	–	–	–	–	6	3,245
42	Montmagny	5	–	–	–	–	7	2,364
43	Montmorency	3	–	–	–	–	3	1,140
44	Nicolet	18	–	–	–	–	23	9,655
45	Pontiac	2	–	–	–	–	2	980
46	Portneuf	8	–	–	–	–	8	4,040
47	Richelieu	5	–	–	–	–	6	2,267
48	Richmond	24	–	–	–	–	33	20,291
49	Rimouski	17	–	–	–	–	30	11,737
50	Rouville	15	–	–	–	–	26	11,945
51	Saguenay	8	–	–	–	–	8	6,758
52	Sherbrooke	1	–	–	–	–	2	800
53	Soulanges	1	–	–	–	–	1	585
54	St-Hyacinthe	1	–	–	–	–	1	450
55	St-Jean	1	–	–	–	–	1	460
56	St-Maurice	3	–	–	–	–	3	1,395
57	Témiscamingue	5	–	–	–	–	8	3,257
58	Témiscouata	5	–	–	–	–	6	1,947
59	Terrebonne	3	–	–	–	–	3	1,330

[1] In Quebec no distinction is made between salaried employees and wage-earners. The totals for Quebec in this table are given in the column headed "Employees on wages." [1]Dans Québec, il n'est pas fait de distinction entre les genres d'emploi. La totalité du personnel employé dans cette province figure dans la colonne "Ouvriers et journaliers."

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromagerie[2]

Wage Earners on 15th of each month

Nombre d'ouvriers le 15 de chaque mois

Jan. Janv.	Feb. Fév.	March Mars	April Avril	May Mai	June Juin	July Juillet	August Août	Sept. Sept.	Oct. Oct.	Nov. Nov.	Dec. Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
45	44	81	409	1,130	1,511	1,539	1,467	1,347	1,188	555	124	
–	–	–	–	2	13	13	13	13	10	2	–	
–	–	–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	2	10	10	10	10	8	2	–	2
–	–	–	–	–	3	3	3	3	2	–	–	3
–	–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	–	4
–	–	–	1	3	4	5	4	3	2	–	–	
–	–	–	–	–	–	–	–	–	–	–	–	5
–	–	–	1	3	4	5	4	3	2	–	–	6
–	–	–	–	–	–	–	–	–	–	–	–	7
–	–	–	–	–	–	–	–	–	–	–	–	8
10	10	27	223	759	1,055	1,067	1,036	981	883	378	69	
–	–	–	7	35	40	41	41	40	33	4	–	9
–	–	2	29	68	85	86	73	61	59	30	–	10
–	–	–	1	1	2	2	2	2	2	1	1	11
–	–	–	–	63	71	73	72	71	67	8	–	12
–	–	–	–	9	10	10	10	10	10	4	–	13
–	–	–	–	2	4	4	4	4	3	–	–	14
–	–	–	–	1	5	5	5	5	5	3	–	15
–	–	–	–	–	2	3	3	3	2	–	–	16
–	–	–	–	1	1	1	1	1	1	–	–	17
–	–	–	1	3	3	2	2	2	1	1	1	18
–	–	–	–	9	22	23	22	21	20	14	1	19
–	–	–	–	2	30	31	31	30	25	23	5	20
–	–	–	7	4	10	10	5	5	4	4	3	21
–	–	–	–	46	53	53	52	50	49	6	–	22
–	–	–	–	4	4	4	4	4	4	2	1	23
–	–	–	–	3	4	4	3	3	3	3	–	24
–	–	–	–	29	54	54	51	49	36	1	–	25
–	–	–	9	18	18	18	18	18	17	5	1	26
–	–	5	10	24	27	28	28	28	28	11	–	27
–	–	–	–	11	24	24	23	20	14	4	–	28
–	–	–	2	5	6	6	6	6	5	4	2	29
–	–	2	5	6	6	6	6	6	5	5	5	30
–	–	–	1	5	5	5	5	5	4	3	1	31
–	–	–	–	–	22	22	22	22	12	4	–	32
–	–	–	–	46	65	68	69	66	60	16	–	33
–	–	–	33	94	111	110	109	103	101	60	–	34
1	1	1	3	4	6	6	5	5	4	4	1	35
–	–	–	–	2	4	5	5	5	3	–	–	36
2	2	2	6	6	6	6	6	6	6	6	3	37
–	–	–	5	7	7	7	7	6	5	4	–	38
–	–	–	–	2	18	18	17	17	14	1	–	39
–	–	–	9	40	50	50	50	48	44	15	–	40
–	–	–	2	6	6	6	6	6	6	3	–	41
–	–	–	–	5	7	7	7	5	5	–	–	42
–	–	–	–	–	3	3	3	3	2	1	–	43
–	–	2	20	22	24	23	22	21	21	16	10	44
–	–	–	–	1	2	2	2	2	2	–	–	45
–	–	–	–	7	8	8	8	8	8	4	–	46
–	–	–	–	4	6	6	6	6	6	3	1	47
–	–	–	8	26	32	33	34	27	23	7	–	48
–	–	–	–	–	30	30	30	27	26	5	–	49
7	7	7	19	23	25	26	25	25	24	21	21	50
–	–	–	–	3	8	8	8	8	7	–	–	51
–	–	–	–	1	2	2	2	2	1	–	–	52
–	–	–	–	1	1	1	1	1	1	1	–	53
–	–	–	–	1	1	1	1	1	1	1	1	54
–	–	–	–	1	1	1	1	1	1	–	–	55
–	–	–	–	3	4	3	3	3	3	3	–	56
–	–	–	–	5	6	8	8	7	6	2	–	57
–	–	–	–	–	6	6	6	6	3	–	–	58
–	–	–	–	2	3	3	3	3	3	1	–	59

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromageries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Superintendents and managers including head makers — Directeurs, gérants et chefs de fabrication		Other Salaried Employees — Commis		Employees on Wages — Ouvriers et journaliers	
	Québec—concluded—fin.	no.	no.	$	no.	$	no.	$
1	Vaudreuil	11	–	–	–	–	14	5,806
2	Verchères	2	–	–	–	–	2	945
3	Wolfe	39	–	–	–	–	49	25,120
4	Yamaska	31	–	–	–	–	40	13,817
	Ontario	**888**	**977**	**793,452**	**780**	**46,093**	**407**	**122,447**
5	Algoma	3	3	1,003	–	–	1	208
6	Bruce	4	5	3,553	7	430	1	210
7	Carleton	47	54	34,657	23	1,785	11	2,605
8	Dufferin	2	2	1,250	–	–	–	–
9	Dundas	50	58	52,491	29	1,178	21	6,449
10	Durham	1	1	650	2	207	2	160
11	Elgin	15	16	15,546	16	1,326	16	4,895
12	Frontenac	66	73	53,528	40	1,779	34	7,852
13	Glengarry	67	69	48,141	55	2,734	16	2,688
14	Grenville	39	39	30,987	25	1,076	11	2,211
15	Hastings	72	80	84,156	110	7,396	29	10,400
16	Huron	4	5	5,140	12	424	1	280
17	Lambton	4	4	3,835	5	397	1	385
18	Lanark	38	43	26,655	45	2,202	11	1,379
19	Leeds	85	91	75,172	70	3,350	43	12,624
20	Lennox & Addington	32	36	36,029	30	1,672	32	12,794
21	Lincoln	1	1	700	1	140	1	140
22	Middlesex	19	22	19,653	14	1,722	17	5,063
23	Nipissing	14	15	7,477	7	180	–	–
24	Norfolk	6	7	3,850	–	–	3	560
25	Northumberland	35	38	37,932	69	5,046	15	5,375
26	Oxford	21	24	29,233	30	1,813	28	10,787
27	Perth	15	16	17,163	20	1,546	18	6,801
28	Peterborough	26	27	18,140	28	1,043	4	1,247
29	Prescott	69	71	48,972	35	1,488	16	4,351
30	Prince Edward	20	29	29,683	32	2,867	21	6,820
31	Renfrew	16	18	7,122	11	470	1	195
32	Russell	59	66	43,786	26	1,703	14	2,964
33	Stormont	47	50	41,248	30	1,604	28	8,899
34	Victoria	7	8	7,200	7	415	3	630
35	Waterloo	3	5	6,500	1	100	6	3,205
36	Welland	1	1	2,000	–	–	2	270
	Manitoba	**12**	**12**	**7,140**	**4**	**175**	**2**	**500**
37	Lisgar	1	1	400	1	60	–	–
38	Provencher	7	7	4,250	1	25	2	500
39	Springfield	4	4	2,490	2	90	–	–
	Saskatchewan	**1**	**1**	**465**	–	–	–	–
40	Prince Albert	1	1	465	–	–	–	–
	Alberta	**5**	**11**	**14,178**	**11**	**12,120**	**39**	**31,805**
41	Calgary	1	5	10,680	11	12,120	37	30,600
42	Edmonton	1	3	263	–	–	–	–
43	Lethbridge	1	1	625	–	–	1	100
44	Red Deer	1	1	1,860	–	–	1	1,105
45	Strathcona	1	1	750	–	–	–	–
	British Columbia—Colombie Britannique.	**3**	**4**	**2,013**	–	–	**6**	**2,210**
46	Westminster	3	4	2,013	–	–	6	2,210

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III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite

B. Cheese Factories—Fromageries

Wage Earners on 15th of each month — Nombre d'ouvriers le 15 de chaque mois												
Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
–	–	–	3	13	14	14	14	13	12	5	–	1
–	–	–	–	2	2	2	2	2	2	2	–	2
–	–	–	14	45	49	49	47	42	34	19	–	3
–	–	6	29	38	40	40	40	40	40	38	11	4
18	**19**	**37**	**155**	**329**	**392**	**407**	**368**	**312**	**268**	**155**	**37**	
–	–	–	–	1	1	1	1	1	1	–	–	5
–	–	–	–	1	1	1	1	1	1	–	–	6
–	–	–	2	7	9	11	9	8	7	1	–	7
–	–	–	–	–	–	–	–	–	–	–	–	8
–	–	4	13	16	20	21	16	16	14	10	1	9
–	–	–	–	2	2	2	2	–	–	–	–	10
1	1	2	7	12	15	16	13	9	5	3	1	11
–	–	–	9	24	33	34	29	19	18	8	1	12
–	–	–	3	11	15	16	14	7	3	3	–	13
–	–	–	3	9	11	11	11	8	6	5	2	14
–	–	–	9	28	29	29	27	27	25	8	–	15
–	–	–	1	1	1	1	1	1	1	–	–	16
1	1	1	1	1	1	1	1	1	1	1	1	17
–	–	–	–	7	9	11	9	4	1	–	–	18
–	–	5	22	40	43	43	42	39	34	24	9	19
–	–	4	18	27	31	32	31	29	27	20	1	20
–	–	–	–	1	1	1	1	–	–	–	–	21
2	2	3	8	12	17	17	14	12	9	5	3	22
–	–	–	–	–	–	–	–	–	–	–	–	23
–	–	–	–	1	2	3	3	3	2	2	1	24
–	–	–	4	14	15	15	14	14	13	13	–	25
7	7	9	20	25	27	28	26	22	20	10	6	26
3	4	4	7	14	18	18	16	14	13	7	4	27
–	–	–	–	3	4	4	3	3	2	–	–	28
–	–	–	4	12	16	16	15	12	11	6	–	29
–	–	–	7	18	21	21	20	18	16	8	1	30
–	–	–	–	–	1	1	1	–	–	–	–	31
–	–	–	1	12	11	14	11	11	9	6	–	32
1	1	2	12	21	27	28	27	23	19	10	2	33
–	–	–	–	3	3	3	3	3	3	–	–	34
3	3	3	4	4	6	6	6	6	6	5	4	35
–	–	–	–	2	2	2	1	1	1	–	–	36
–	–	–	**1**	**2**	**2**	**2**	**2**	**2**	**1**	–	–	
–	–	–	–	–	–	–	–	–	–	–	–	37
–	–	–	1	2	2	2	2	2	1	–	–	38
–	–	–	–	–	–	–	–	–	–	–	–	39
–	–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	–	40
17	**15**	**17**	**29**	**30**	**40**	**39**	**38**	**30**	**24**	**20**	**18**	
16	14	16	28	29	38	37	36	29	23	19	17	41
–	–	–	–	–	–	–	–	–	–	–	–	42
–	–	–	–	–	–	1	1	–	–	–	–	43
1	1	1	1	1	2	1	1	1	1	1	1	44
–	–	–	–	–	–	–	–	–	–	–	–	45
–	–	–	–	**5**	**5**	**6**	**6**	**6**	–	–	–	
–	–	–	–	5	5	6	6	6	–	–	–	46

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

	Province and County or District Provinces et comtés ou districts	Establishments Etablissements	Superintendents and managers including head maker. Directeurs, gérants et chefs de fabrication		Other Salaried Employees Commis		Employees on Wages Ouvriers et journaliers	
		no.	no.	$	no.	$	no.	$
	CANADA	**453**	**74**[1]	**98,054**[1]	**411**[1]	**418,973**[1]	**1,086**[1]	**641,224**[1]
	Prince Edward Island—Ile du Pr.-Edouard	**7**	**7**	**6,500**	**7**	**677**	**7**	**1,533**
1	Kings	1	1	450	1	95	–	–
2	Prince	1	1	825	1	100	–	–
3	Queens	5	5	5,225	5	482	7	1,533
	Québec	**403**	–[1]	–[1]	–[1]	–[1]	**705**[1]	**338,411**[1]
4	Arthabaska	30	–	–	–	–	71	28,228
5	Bagot	8	–	–	–	–	17	7,250
6	Beauce	14	–	–	–	–	23	10,467
7	Beauharnois	9	–	–	–	–	14	5,460
8	Berthier	14	–	–	–	–	22	8,669
9	Chambly	1	–	–	–	–	1	480
10	Champlain	26	–	–	–	–	44	24,875
11	Châteauguay	4	–	–	–	–	11	5,079
12	Chicoutimi	3	–	–	–	–	6	6,884
13	Compton	3	–	–	–	–	6	2,942
14	Deux-Montagnes	4	–	–	–	–	6	2,168
15	Dorchester	1	–	–	–	–	2	894
16	Drummond	23	–	–	–	–	24	16,836
17	Frontenac	4	–	–	–	–	7	3,894
18	Huntingdon	13	–	–	–	–	24	9,903
19	Iberville	1	–	–	–	–	2	1,375
20	Joliette	3	–	–	–	–	6	2,195
21	Kamouraska	9	–	–	–	–	24	8,763
22	Labelle	4	–	–	–	–	8	3,227
23	Lac St-Jean	18	–	–	–	–	33	19,400
24	L'Assomption	1	–	–	–	–	1	178
25	Maskinongé	17	–	–	–	–	28	16,460
26	Matane	4	–	–	–	–	8	2,840
27	Mégantic	7	–	–	–	–	11	5,775
28	Montcalm	1	–	–	–	–	1	600
29	Nicolet	59	–	–	–	–	92	43,030
30	Portneuf	16	–	–	–	–	25	14,780
31	Richelieu	13	–	–	–	–	22	10,700
32	Richmond	5	–	–	–	–	10	5,651
33	Rouville	5	–	–	–	–	13	5,090
34	Shefford	5	–	–	–	–	7	5,112
35	Soulanges	3	–	–	–	–	6	2,545
36	St-Hyacinthe	25	–	–	–	–	45	21,612
37	St-Jean	1	–	–	–	–	1	565
38	Témiscamingue	1	–	–	–	–	1	400
39	Témiscouata	1	–	–	–	–	2	450
40	Vaudreuil	2	–	–	–	–	4	1,490
41	Verchères	4	–	–	–	–	8	2,555
42	Wolfe	10	–	–	–	–	15	8,999
43	Yamaska	31	–	–	–	–	54	20,590
	Ontario	**37**	**47**	**51,732**	**322**	**346,608**	**127**	**123,579**
44	Algoma	3	3	1,505	2	586	2	300
45	Carleton	1	2	1,600	1	65	–	–
46	Dundas	3	4	4,100	2	65	–	–
47	Elgin	1	1	1,700	2	95	–	–
48	Frontenac	1	2	3,500	2	1,420	1	70
49	Glengarry	1	1	1,000	1	195	2	690
50	Haldimand	1	2	1,480	–	–	1	400
51	Lanark	2	2	1,500	1	200	2	625
52	Leeds	1	1	1,117	1	30	–	–
53	Nipissing	3	3	1,750	2	225	–	–
54	Norfolk	1	2	1,500	–	–	2	875
55	Oxford	6	6	6,150	10	970	10	5,680
56	Perth	5	5	5,146	3	250	10	3,110
57	Peterborough	4	4	3,240	2	135	5	1,199
58	Prince Edward	1	1	1,400	7	325	2	910
59	Wellington	2	2	2,193	4	410	1	104
60	York	1	6	12,851	282	341,637	89	109,616

[1] In Quebec no distinction is made between salaried employees and wage-earners. The totals for Quebec in this table are given in the column headed "employees on wages".

[1] Dans Québec, il n'est pas fait de distinction entre les genres d'emploi. La totalité du personnel employé dans cette province figure dans la colonne "Ouvriers et journaliers".

SESSIONAL PAPER No. 17e

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

Wage Earners on 15th of each month

Nombre d'ouvriers le 15 de chaque mois

Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
191	**192**	**319**	**759**	**975**	**1,083**	**1,086**	**1,068**	**996**	**939**	**806**	**640**	
1	**1**	**1**	**1**	**3**	**6**	**7**	**7**	**5**	**4**	–	–	
–	–	–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	–	–	2
1	1	1	1	3	6	7	7	5	4	–	–	3
34	**39**	**157**	**453**	**632**	**697**	**705**	**695**	**649**	**610**	**507**	**346**	
5	8	15	58	68	69	71	71	58	61	22	4	4
1	1	1	12	15	17	17	17	17	16	14	12	5
–	–	–	2	12	21	23	23	21	21	13	1	6
1	–	–	4	10	14	14	13	11	11	9	6	7
–	–	4	21	22	22	22	22	22	22	21	17	8
–	–	–	–	1	1	1	1	1	1	1	1	9
–	–	–	29	42	43	44	44	41	42	40	28	10
8	8	8	10	11	11	11	11	11	11	11	11	11
–	–	–	4	4	5	6	6	5	2	2	1	12
–	–	–	3	5	6	6	7	6	5	3	–	13
–	–	–	3	6	6	6	6	6	4	1	–	14
–	–	–	–	–	2	2	2	2	2	2	1	15
2	2	5	22	24	24	24	24	24	23	20	14	16
–	–	–	4	6	7	7	7	6	5	4	2	17
–	–	3	11	17	24	24	22	14	12	12	8	18
2	2	2	2	2	2	2	2	2	2	2	2	19
–	–	–	2	5	5	6	5	5	5	4	2	20
–	–	–	–	15	23	24	24	20	17	14	4	21
–	–	–	1	5	7	8	7	7	4	3	–	22
–	–	11	15	29	33	33	33	28	20	8	–	23
–	–	–	–	–	1	1	1	1	–	–	–	24
–	–	–	23	26	28	28	28	28	28	26	16	25
–	–	–	–	8	8	8	8	8	8	4	–	26
–	–	–	7	10	11	11	11	11	10	8	4	27
–	–	–	1	1	1	1	1	1	1	1	–	28
–	–	49	88	91	92	92	92	92	90	86	78	29
5	7	11	22	25	25	25	25	25	24	23	16	43
–	–	–	9	19	22	22	21	21	19	18	18	31
–	–	5	7	10	11	10	8	7	3	3	–	32
5	5	5	8	11	12	13	13	12	10	10	9	33
–	–	1	6	6	7	7	6	5	6	6	2	34
–	–	–	–	5	6	6	6	5	5	5	4	35
5	6	12	31	43	45	45	45	45	42	40	36	36
–	–	–	1	1	1	1	1	1	1	1	1	37
–	–	–	–	1	1	1	1	1	1	–	–	38
–	–	–	–	–	2	2	2	2	2	–	–	39
–	–	–	–	4	4	4	4	3	3	3	–	40
–	–	–	–	7	8	8	8	8	7	7	7	41
–	–	–	8	13	15	15	14	14	14	12	4	42
–	–	25	39	52	55	54	53	52	50	48	37	43
88	**84**	**88**	**101**	**119**	**125**	**127**	**130**	**118**	**115**	**101**	**109**	
–	–	–	–	2	2	2	2	1	–	–	–	44
–	–	–	–	–	–	–	–	–	–	–	–	45
–	–	–	–	–	–	–	–	–	–	–	–	46
–	–	–	–	–	–	–	–	–	–	–	–	47
–	–	–	1	1	1	1	1	1	1	–	–	48
–	–	–	1	2	2	2	2	2	2	1	1	49
–	–	–	1	1	1	1	1	1	1	–	–	50
–	–	–	–	2	2	2	2	1	1	1	1	51
–	–	–	–	–	–	–	–	–	–	–	–	52
–	–	–	–	–	–	–	–	–	–	–	–	53
1	1	2	2	2	2	2	2	2	2	2	1	54
6	6	6	9	10	10	10	9	9	8	8	7	55
2	2	3	6	10	10	10	10	9	9	2	2	56
–	–	–	–	4	5	5	5	4	4	–	–	57
–	–	–	1	1	2	2	2	2	2	2	2	58
–	–	–	–	1	1	1	1	1	1	1	–	59
79	75	77	80	83	87	89	93	85	84	84	95	60

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et d fromage

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Superintendents and managers including head makers — Directeurs, gérants et chefs de fabrication		Other Salaried Employees — Commis		Employees on Wages — Ouvriers et journaliers	
		no.	no.	$	no.	$	no.	$
	Alberta	**5**	**19**	**38,622**	**82**	**71,688**	**247**	**177,701**
1	Edmonton	2	14	28,362	81	70,488	237	169,711
2	Red Deer	2	4	9,300	1	1,200	7	6,750
3	Strathcona	1	1	960	–	–	3	1,240
	British Columbia—Colombie Britannique	**1**	**1**	**1,200**	–	–	–	–
4	Kootenay West	1	1	1,200	–	–	–	–

D. Condensed Milk Factories—Fabriques de lait condensé

CANADA	**24**	**30**[1]	**75,082**[1]	**76**[1]	**87,954**[1]	**991**[1]	**699,649**[1]
Prince Edward Island-Ile du P.-Edouard 1 Nova Scotia—Nouvelle-Ecosse 2 Québec 1	4	5[1]	7,664[1]	2[1]	1,620[1]	96[1]	67,532[1]
Ontario	17	22	54,260	66	76,545	819	568,446
British Columbia-Colombie Britannique	3	3	13,158	8	9,789	76	63,671

[1]In Quebec no distinction is made between salaried employees and wage-earners. The totals for Quebec in this table are given in the column headed "Employees on Wages".

[1]Dans Québec, il n'est pas fait de distinction entre les genres d'emploi. La totalité du personnel employé dans cette province figure dans la colonne "Ouvriers et journaliers".

SESSIONAL PAPER No. 17e

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

Wage Earners on 15th of each month — Nombre d'ouvriers le 15 de chaque mois												
Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
68	**68**	**73**	**204**	**221**	**255**	**247**	**236**	**224**	**210**	**198**	**185**	
65	65	70	197	213	245	237	226	215	203	191	178	1
3	3	3	7	7	7	7	7	7	7	7	7	2
–	–	–	–	1	3	3	3	2	–	–	–	3
–	–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	–	4

D. Condensed Milk Factories—Fabriques de lait condensé

683	**688**	**687**	**697**	**825**	**929**	**991**	**921**	**843**	**821**	**816**	**754**	
75	81	82	86	95	99	96	104	87	89	77	72	
558	547	543	550	667	764	819	757	707	686	690	636	
50	60	62	61	63	66	76	60	49	46	49	46	

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

E. All Factories—Toutes Fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Superintendents and managers including head makers — Directeurs, gérants et chefs de fabrication		Other Salaried Employees — Commis		Employees on Wages — Ouvriers et journaliers	
		no.	no.	$	no.	$	no.	$
	CANADA	**3,282**	**1,767**[1]	**1,902,316**[1]	**1,800**[1]	**936,956**[1]	**7,149**[1]	**4,790,725**[1]
	Prince Edward Island—Ile du Prince-Edouard	**38**	**45**	**29,344**	**29**	**3,904**	**31**	**12,425**
1	Kings	8	8	2,548	7	503	–	–
2	Prince	13	17	11,381	9	1,960	10	1,901
3	Queens	17	20	15,415	13	1,441	21	10,524
	Nova Scotia—Nouvelle-Ecosse	**25**	**36**	**30,926**	**12**	**4,718**	**83**	**45,056**
4	Annapolis	1	1	1,200	1	200	–	–
5	Antigonish	4	5	3,467	2	299	6	2,010
6	Colchester	5	9	8,965	3	1,931	44	27,758
7	Cumberland	3	5	3,380	2	340	11	3,724
8	Digby	2	3	1,020	–	–	–	–
9	Halifax	1	1	1,400	–	–	3	1,200
10	Hants	1	1	720	–	–	1	300
11	Inverness	1	1	900	–	–	1	240
12	Kings	2	3	2,300	–	–	5	1,850
13	Lunenburg	1	1	840	1	720	3	2,390
14	Pictou	2	4	4,700	2	820	5	3,297
15	Victoria	1	1	900	–	–	1	458
16	Yarmouth	1	1	1,134	1	408	3	1,829
	New Brunswick—Nouveau-Brunswick	**41**	**47**	**34,859**	**25**	**9,658**	**54**	**33,468**
17	Albert	1	1	290	–	–	–	–
18	Carleton	1	1	1,600	–	–	7	1,800
19	Gloucester	1	1	340	–	–	–	–
20	Kent	1	1	500	–	–	–	–
21	Kings	20	21	12,607	9	1,278	11	5,610
22	Madawaska	7	7	2,867	3	170	2	610
23	St. John	4	6	9,560	10	6,960	34	25,448
24	Westmorland	6	9	7,095	3	1,250	–	–
	Québec	**1,868**	–[1]	–[1]	–[1]	–[1]	**2,885**[1]	**1,404,674**[1]
25	Argenteuil	35	–	–	–	–	41	17,340
26	Arthabaska	73	–	–	–	–	157	60,288
27	Bagot	36	–	–	–	–	62	31,198
28	Beauce	101	–	–	–	–	128	57,954
29	Beauharnois	19	–	–	–	–	31	12,219
30	Bellechasse	18	–	–	–	–	39	10,554
31	Berthier	37	–	–	–	–	55	22,588
32	Bonaventure	13	–	–	–	–	16	5,522
33	Brome	16	–	–	–	–	38	29,752
34	Chambly	5	–	–	–	–	3	2,305
35	Champlain	53	–	–	–	–	80	39,498
36	Charlevoix	30	–	–	–	–	33	11,470
37	Châteauguay	18	–	–	–	–	39	16,578
38	Chicoutimi	50	–	–	–	–	61	36,929
39	Compton	20	–	–	–	–	29	17,602
40	Deux-Montagnes	21	–	–	–	–	30	13,097
41	Dorchester	54	–	–	–	–	72	29,420
42	Drummond	43	–	–	–	–	46	27,164
43	Frontenac	46	–	–	–	–	51	26,995
44	Gaspé	2	–	–	–	–	2	1,215
45	Hull	22	–	–	–	–	26	11,320
46	Huntingdon	26	–	–	–	–	93	55,721
47	Iberville	12	–	–	–	–	22	11,065
48	Jacques-Cartier	1	–	–	–	–	1	500
49	Joliette	43	–	–	–	–	67	33,030
50	Kamouraska	24	–	–	–	–	55	19,750
51	Labelle	68	–	–	–	–	82	36,960
52	Lac St-Jean	97	–	–	–	–	143	80,307
53	Laprairie	2	–	–	–	–	4	3,010
54	L'Assomption	21	–	–	–	–	30	10,446
55	Laval	2	–	–	–	–	1	725
56	Lévis	8	–	–	–	–	11	4,563
57	L'Islet	19	–	–	–	–	25	10,314
58	Lotbinière	37	–	–	–	–	58	24,193
59	Maskinongé	38	–	–	–	–	54	31,870

[1]In Quebec no distinction is made between salaried employees and wage-earners. The totals for Quebec in this table are given in the column headed "Employees on wages."

[1]Dans Québec, il n'est pas fait de distinction entre les genres d'emploi. La totalité du personnel employé dans cette province figure dans la colonne "Ouvriers et journaliers".

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

Wage Earners on 15th of each month — Nombre d'ouvriers le 15 de chaque mois												
Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
2,452	**2,512**	**2,873**	**4,149**	**5,898**	**6,730**	**7,149**	**6,878**	**6,371**	**5,907**	**4,750**	**3,748**	
11	**11**	**11**	**11**	**15**	**30**	**31**	**31**	**29**	**24**	**12**	**10**	
–	–	–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	2	10	10	10	10	8	2	–	2
11	11	11	11	13	20	21	21	19	16	10	10	3
48	**53**	**53**	**62**	**68**	**77**	**83**	**83**	**70**	**63**	**55**	**49**	
–	–	–	–	–	–	–	–	–	–	–	–	4
1	1	1	2	2	5	6	6	6	4	2	2	5
32	37	37	43	43	45	44	45	33	35	31	29	6
3	3	3	3	4	6	11	9	8	7	6	3	7
–	–	–	–	–	–	–	–	–	–	–	–	8
2	2	2	3	3	3	3	3	3	2	2	2	9
1	1	1	1	1	1	1	1	1	1	1	1	10
–	–	–	–	1	1	1	1	1	–	–	–	11
2	2	2	2	4	5	5	5	5	4	3	3	12
1	1	1	1	2	3	3	3	3	2	2	1	13
4	4	4	4	4	4	5	5	5	4	4	4	14
–	–	–	–	1	1	1	1	1	–	–	–	15
2	2	2	3	3	3	3	4	4	4	4	4	16
34	**33**	**32**	**35**	**44**	**49**	**54**	**50**	**45**	**40**	**32**	**31**	
–	–	–	–	–	–	–	–	–	–	–	–	17
–	–	–	1	2	7	7	6	4	2	–	–	18
–	–	–	–	–	–	–	–	–	–	–	–	19
–	–	–	–	–	–	–	–	–	–	–	–	20
1	1	2	4	9	10	11	10	8	7	4	3	21
–	–	–	–	2	2	2	2	1	1	–	–	22
33	32	30	30	31	30	34	32	32	30	28	28	23
–	–	–	–	–	–	–	–	–	–	–	–	24
246	**254**	**504**	**1,344**	**2,103**	**2,863**	**2,885**	**2,848**	**2,726**	**2,553**	**1,721**	**972**	
–	–	–	7	35	40	41	41	40	33	4	–	25
5	8	17	87	136	154	157	144	119	120	52	4	26
3	3	13	49	58	62	62	62	62	60	54	49	27
–	–	–	7	105	124	128	124	120	116	37	6	28
1	–	–	7	24	31	31	30	27	26	17	9	29
–	–	–	1	30	39	39	39	39	32	8	–	30
–	–	14	47	51	55	55	55	55	55	49	34	31
–	–	–	–	2	15	16	16	16	15	8	–	32
20	21	26	28	35	38	38	38	36	33	30	28	33
–	–	–	1	4	4	3	3	3	2	2	2	34
–	–	–	35	63	78	80	79	75	75	65	40	35
–	–	–	–	4	32	33	33	32	27	23	5	36
17	15	15	33	33	39	39	34	34	33	31	28	37
2	2	2	6	52	60	61	60	57	53	10	3	38
5	5	10	18	24	29	29	30	29	26	21	11	39
–	–	–	25	31	30	30	29	31	29	24	–	40
–	–	–	4	45	72	72	69	67	54	7	1	41
3	3	7	35	46	46	46	46	46	44	27	17	42
–	–	5	22	45	50	51	51	50	49	24	2	43
–	–	–	–	2	2	2	2	2	2	2	–	44
–	–	2	2	13	26	26	25	22	16	4	–	45
47	47	51	65	83	94	93	98	84	81	70	61	46
6	6	11	19	21	22	22	22	21	20	19	17	47
–	–	–	1	1	1	1	1	1	1	1	–	48
2	2	15	47	64	66	67	66	64	62	55	34	49
–	–	–	2	23	54	55	55	51	37	24	9	50
–	–	–	2	51	78	82	82	79	69	22	–	51
–	–	11	48	123	144	143	142	131	121	68	–	52
3	3	3	4	4	4	4	4	4	4	4	4	53
–	–	2	20	25	29	30	30	30	29	27	22	54
–	–	–	1	1	1	1	1	1	1	–	–	55
1	1	1	3	9	11	11	10	10	9	7	1	56
–	–	–	–	16	24	25	25	25	20	7	–	57
14	11	26	42	58	58	58	59	58	55	50	29	58
–	–	–	44	52	54	54	54	53	52	47	32	59

III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite

E. All Factories—Toutes Fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Superintendents and managers including head makers — Directeurs gérants et chefs de fabrication		Other Salaried Employees — Commis		Employees on Wages — Ouvriers et journaliers	
	Québec—concluded—fin.	no.	no.	$	no.	$	no.	$
1	Matane	35	–	–	–	–	55	21,402
2	Mégantic	54	–	–	–	–	70	31,531
3	Missisquoi	17	–	–	–	–	40	30,851
4	Montcalm	22	–	–	–	–	35	18,300
5	Montmagny	17	–	–	–	–	27	10,505
6	Montmorency	14	–	–	–	–	21	8,496
7	Montréal	3	–	–	–	–	21	27,822
8	Napierville	3	–	–	–	–	5	2,750
9	Nicolet	83	–	–	–	–	123	56,805
10	Pontiac	5	–	–	–	–	8	6,077
11	Portneuf	46	–	–	–	–	74	41,924
12	Richelieu	25	–	–	–	–	39	17,517
13	Richmond	37	–	–	–	–	53	32,744
14	Rimouski	22	–	–	–	–	41	16,422
15	Rouville	28	–	–	–	–	58	27,911
16	Saguenay	8	–	–	–	–	8	6,758
17	Shefford	38	–	–	–	–	58	37,362
18	Sherbrooke	3	–	–	–	–	4	2,085
19	Soulanges	11	–	–	–	–	18	7,335
20	Stanstead	15	–	–	–	–	34	21,006
21	St-Hyacinthe	27	–	–	–	–	48	22,977
22	St-Jean	6	–	–	–	–	9	4,306
23	St-Maurice	3	–	–	–	–	32	12,590
24	Témiscamingue	13	–	–	–	–	21	10,757
25	Témiscouata	35	–	–	–	–	58	20,867
26	Terrebonne	22	–	–	–	–	27	12,230
27	Vaudreuil	18	–	–	–	–	23	10,001
28	Verchères	13	–	–	–	–	27	11,080
29	Wolfe	52	–	–	–	–	68	36,094
30	Yamaska	63	–	–	–	–	95	34,707
	Ontario	**1,121**	**1,348**	**1,325,158**	**1,363**	**611,969**	**2,553**	**1,963,408**
31	Algoma	6	6	2,508	2	586	3	508
32	Brant	6	9	23,276	10	7,548	84	66,276
33	Bruce	13	18	19,151	16	3,515	29	17,445
34	Carleton	52	74	96,917	48	46,213	307	403,177
35	Dufferin	5	8	8,914	–	–	15	8,376
36	Dundas	54	64	60,971	46	20,671	169	78,974
37	Durham	3	3	1,846	6	474	5	1,410
38	Elgin	22	25	29,096	38	27,099	98	46,441
39	Essex	4	6	5,925	–	–	14	13,578
40	Frontenac	67	75	57,028	42	3,199	35	7,922
41	Glengarry	68	70	49,141	56	2,929	18	3,378
42	Grenville	40	40	32,237	26	1,616	15	4,156
43	Grey	8	14	16,558	10	3,275	12	6,131
44	Haldimand	10	15	16,225	4	2,172	21	11,481
45	Halton	3	5	5,050	2	1,824	5	4,300
46	Hastings	77	87	94,996	116	12,552	65	27,942
47	Huron	15	23	26,251	17	2,858	29	12,436
48	Kent	6	6	5,560	2	552	11	5,256
49	Lambton	10	13	16,697	16	5,366	43	27,080
50	Lanark	42	48	33,355	47	2,738	17	4,704
51	Leeds	88	96	84,932	91	24,473	138	69,622
52	Lennox & Addington	33	37	37,349	30	1,672	34	13,625
53	Lincoln	5	6	6,594	2	1,076	21	20,343
54	Middlesex	30	40	46,879	31	14,345	94	80,939
55	Nipissing	19	22	13,627	10	665	2	507
56	Norfolk	14	20	20,430	2	1,500	17	9,910
57	Northumberland	39	42	42,812	70	5,526	26	12,884
58	Ontario	6	9	11,714	4	1,600	11	7,490
59	Oxford	34	38	52,758	52	13,824	429	319,014
60	Parry Sound	1	1	600	–	–	1	300
61	Perth	30	36	40,739	31	5,532	58	26,888
62	Peterborough	33	39	32,230	35	4,790	42	27,131
63	Prescott	69	71	48,972	35	1,488	16	4,351
64	Prince Edward	23	32	34,383	41	4,092	31	13,027
65	Rainy River	1	1	1,200	–	–	2	1,600
66	Renfrew	21	24	13,602	12	1,370	12	4,929
67	Russell	59	66	43,786	26	1,703	14	2,964
68	Simcoe	7	11	11,765	2	636	15	5,426

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III. Labour Statistics of Dairy Factories, 1919—con.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—suite.

E. All Factories—Toutes Fabriques

Wage Earners on 15th of each month — Nombre d'ouvriers le 15 de chaque mois												
Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc...	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
–	–	–	4	31	55	55	54	54	51	18	–	1
–	–	–	16	58	70	70	70	68	63	23	4	2
29	29	37	38	40	40	40	41	41	41	39	38	3
–	–	–	25	35	35	35	35	35	35	30	12	4
–	–	–	–	21	27	27	27	25	24	11	5	5
–	–	–	3	14	21	21	21	20	19	11	6	6
18	19	17	18	21	22	21	22	24	24	23	20	7
3	3	3	4	5	5	5	5	5	5	4	3	8
–	–	51	116	121	124	123	122	121	119	110	96	9
1	1	1	2	5	7	8	8	8	8	5	3	10
6	8	14	55	71	74	74	74	74	72	61	46	11
–	–	–	10	32	39	39	38	37	34	30	26	12
2	2	9	24	46	53	53	52	44	36	16	6	13
–	–	–	–	10	40	41	41	38	37	15	2	14
21	22	23	43	54	57	58	57	55	51	48	45	15
–	–	–	–	3	8	8	8	8	7	–	–	16
13	16	42	56	56	58	58	57	55	55	52	33	17
–	–	1	1	3	4	4	4	4	2	1	1	18
–	–	–	3	16	18	18	18	15	15	15	8	19
12	14	19	22	28	32	34	32	28	26	20	17	20
5	6	12	32	45	48	48	48	47	44	42	38	21
2	2	2	7	9	9	9	9	9	9	7	6	22
–	–	5	17	31	33	32	32	32	31	27	18	23
2	2	2	10	18	19	21	21	20	19	12	10	24
–	–	–	–	33	58	58	58	58	53	28	–	25
3	3	4	16	24	27	27	27	27	24	15	5	26
–	–	–	6	22	23	23	23	21	20	12	1	27
–	–	–	12	26	27	27	27	27	26	26	23	28
–	–	–	23	62	68	68	65	59	51	33	4	29
–	–	31	69	91	96	95	93	93	91	87	48	30
1,387	**1,382**	**1,431**	**1,657**	**2,080**	**2,424**	**2,553**	**2,408**	**2,200**	**2,067**	**1,866**	**1,645**	
–	–	–	–	3	3	3	3	2	1	–	–	31
69	70	73	74	77	81	84	83	77	76	72	77	32
8	8	5	15	25	27	29	29	25	23	16	11	33
202	208	213	232	242	289	307	289	264	260	240	238	34
1	1	2	6	7	14	15	15	15	11	11	8	35
89	95	91	108	127	150	169	150	132	109	97	86	36
–	–	–	–	5	5	5	5	3	3	2	1	37
44	42	51	56	82	104	98	77	69	60	59	43	38
9	9	9	10	10	13	14	13	12	10	11	11	39
–	–	–	10	25	34	35	30	20	19	8	1	40
–	–	–	4	13	17	18	16	9	5	4	1	41
3	3	3	6	14	15	15	14	11	8	8	5	42
2	2	6	7	10	11	12	12	11	10	8	2	43
10	10	13	14	17	20	21	17	18	17	14	14	44
4	4	4	4	4	5	5	5	5	5	4	4	45
8	10	10	22	55	60	65	60	58	51	30	16	46
7	7	8	18	23	28	29	29	24	23	15	12	47
4	4	4	4	7	10	11	11	9	7	5	5	48
18	18	19	27	29	39	43	34	29	28	19	20	49
4	4	4	4	13	15	17	15	9	6	5	5	50
4	4	9	26	117	139	138	131	131	132	121	97	51
–	–	4	19	28	33	34	33	31	29	21	2	52
18	18	19	19	21	21	21	21	19	19	19	19	53
63	56	64	73	84	96	94	88	80	75	69	64	54
–	–	–	–	1	1	2	1	1	1	1	–	55
7	7	8	9	14	16	17	17	9	8	7	5	56
7	7	7	12	24	26	26	25	25	24	24	9	57
6	6	6	6	10	11	11	11	11	11	7	6	58
348	339	328	334	345	384	429	405	376	371	378	338	59
–	–	–	–	–	1	1	1	1	1	–	–	60
22	23	24	35	49	59	58	56	47	44	29	23	61
10	10	11	13	25	39	42	40	41	38	28	22	62
–	–	–	4	12	16	16	15	12	11	6	–	63
–	–	–	14	25	30	31	30	28	26	16	9	64
–	–	–	–	–	2	2	2	2	2	–	–	65
2	2	2	4	8	10	12	12	9	7	5	3	66
–	–	–	1	12	11	14	11	11	9	6	–	67
–	–	1	4	9	11	15	13	12	9	8	1	68

III. Labour Statistics of Dairy Factories, 1919—concluded.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—fin.

E. All Factories—Toutes Fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Superintendents and managers including head makers — Directeurs gérants et chefs de fabrication		Other Salaried Employees — Commis		Employees on Wages — Ouvriers et journaliers	
	Ontario—concluded—fin.	no.	no.	$	no.	$	no.	$
1	Stormont	48	52	44,665	31	2,324	32	10,547
2	Haliburton 1	14	23	24,655	12	2,263	24	12,551
3	Victoria 13							
4	Waterloo	10	17	20,700	4	2,289	28	21,015
5	Welland	4	4	5,500	2	450	12	6,570
6	Wellington	8	12	13,098	11	4,478	29	15,048
7	Wentworth	4	9	14,436	17	10,892	130	119,806
8	York	10	31	56,030	308	359,794	340	405,950
	Manitoba	**56**	**86**	**149,884**	**91**	**74,582**	**513**	**511,815**
9	Brandon	6	12	20,479	14	11,010	40	26,181
10	Dauphin	5	7	11,180	7	4,943	14	6,905
11	Lisgar	3	3	2,200	2	660	5	560
12	Macdonald	2	2	2,375	1	125	1	300
13	Marquette	6	9	12,777	4	3,968	19	10,908
14	Neepawa	2	3	6,300	1	480	3	1,020
15	Nelson	1	1	800	–	–	2	605
16	Provencher	8	8	5,150	1	25	2	500
17	Selkirk	7	10	12,056	5	1,800	9	7,589
18	Souris	5	7	10,287	4	1,470	6	2,290
19	Springfield	5	6	6,990	4	1,758	7	4,198
20	Winnipeg	6	18	59,290	48	48,343	405	480,759
	Saskatchewan	**43**	**64**	**101,412**	**76**	**47,357**	**313**	**240,652**
21	Assiniboia	5	7	10,036	6	5,985	10	2,956
22	Battleford	4	4	5,650	1	300	6	2,554
23	Humboldt	7	8	14,400	3	1,912	18	12,620
24	Kindersley	2	3	2,496	–	–	1	1,624
25	Mackenzie	4	6	9,180	5	1,957	18	8,387
26	Moosejaw	2	4	10,800	36	13,860	68	54,621
27	North Battleford	3	5	4,565	–	–	5	1,558
28	Prince Albert	7	10	13,119	5	4,180	29	17,922
29	Qu'Appelle	1	1	1,500	–	–	1	190
30	Regina	1	4	8,460	6	6,240	76	70,143
31	Saltcoats	3	4	5,006	–	–	8	3,411
32	Saskatoon	3	6	12,000	14	12,923	70	63,466
33	Swift Current	1	2	4,200	–	–	3	1,200
	Alberta	**58**	**102**	**165,323**	**161**	**145,786**	**469**	**346,829**
34	Battle River	4	7	11,280	3	2,220	7	3,942
35	Bow River	4	5	4,320	2	615	3	555
36	Calgary	8	18	36,065	27	31,456	92	83,233
37	Edmonton	9	28	45,524	104	89,351	279	196,215
38	Lethbridge	5	7	10,565	7	5,861	24	18,697
39	Macleod	1	1	1,040	1	200	–	–
40	Medicine Hat	1	4	7,800	5	6,060	13	9,300
41	Red Deer	17	21	34,860	6	3,703	30	19,265
42	Strathcona	3	3	2,310	–	–	3	1,240
43	Victoria	6	8	11,559	6	6,320	18	14,382
	British Columbia—Colombie Britannique	**32**	**39**	**65,410**	**43**	**38,982**	**248**	**202,398**
44	Cariboo	3	3	4,840	–	–	4	2,025
45	Comox-Alberni	2	2	6,800	1	850	16	18,132
46	Kootenay West	2	2	3,120	1	600	5	2,900
47	Nanaimo	3	4	6,539	3	1,180	2	2,551
48	New Westminster	4	5	7,520	7	9,639	42	34,363
49	Vancouver	7	8	15,460	22	21,696	114	92,936
50	Victoria	2	4	6,000	4	2,457	16	11,425
51	Westminster	5	6	8,131	2	1,000	43	34,579
52	Yale	4	5	7,000	3	1,560	6	3,487

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III. Labour Statistics of Dairy Factories, 1919—concluded.

III. Main-d'œuvre, appointements et salaires, dans l'industrie laitière, 1919—fin.

E. All Factories—Toutes fabriques.

Wage Earners on 15th of each month — Nombre d'ouvriers le 15 de chaque mois												
Jan. — Janv.	Feb. — Fév.	March — Mars	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août	Sept. — Sept.	Oct. — Oct.	Nov. — Nov.	Dec. — Déc.	
no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	
2	2	3	14	24	31	32	31	26	22	11	2	1
5	5	5	7	15	23	24	20	18	16	7	5	3
15	15	19	21	23	26	28	28	16	24	22	21	4
5	5	5	7	11	12	12	11	10	8	4	4	5
14	14	16	20	25	29	29	30	26	23	18	15	6
92	99	103	104	108	123	130	130	121	109	107	107	7
285	275	282	290	302	334	340	339	335	316	324	333	8
323	**339**	**399**	**410**	**467**	**316**	**513**	**503**	**455**	**413**	**385**	**382**	
10	12	13	19	28	36	40	36	25	18	15	14	9
2	2	3	4	8	8	14	14	10	6	4	3	10
–	–	–	–	–	5	5	2	–	–	–	–	11
–	–	–	–	–	1	1	1	1	1	–	–	12
6	6	8	10	14	19	19	17	16	10	9	7	13
–	–	–	1	2	3	3	2	3	2	–	–	14
–	–	–	–	1	2	2	1	1	1	–	–	15
–	–	–	1	2	2	2	2	2	1	–	–	16
4	4	4	4	7	9	9	8	7	5	4	4	17
–	–	1	1	3	5	6	3	3	3	1	1	18
3	3	5	4	4	7	7	7	6	6	5	5	19
298	312	365	366	398	219	405	410	381	360	347	348	20
136	**142**	**142**	**167**	**230**	**292**	**313**	**269**	**221**	**190**	**162**	**157**	
–	–	–	–	2	7	10	7	6	3	–	–	21
1	1	2	3	3	6	6	5	5	4	1	1	22
4	5	6	9	15	20	18	18	15	8	7	8	23
1	1	1	1	2	3	1	1	1	1	1	1	24
–	–	–	5	12	18	18	14	9	6	2	1	25
24	30	29	29	40	59	68	49	35	29	31	29	26
–	–	–	–	3	5	5	4	1	–	–	–	27
10	9	10	14	22	26	29	22	18	13	10	11	28
–	–	–	–	–	–	1	1	1	–	–	–	29
48	47	46	52	62	69	76	70	59	62	50	47	30
–	–	–	1	6	8	8	5	4	3	–	–	31
48	49	48	53	63	69	70	71	65	60	59	58	32
–	–	–	–	–	2	3	2	2	1	1	1	33
161	**167**	**165**	**319**	**372**	**450**	**469**	**452**	**410**	**359**	**319**	**295**	
1	1	2	2	3	7	7	6	5	2	2	1	34
–	–	–	–	–	2	3	2	2	1	1	1	35
53	57	52	67	71	86	92	93	86	75	62	58	36
71	72	78	206	235	277	279	267	250	228	208	192	37
15	16	10	14	16	16	24	23	17	15	16	14	38
–	–	–	–	–	–	–	–	–	–	–	–	39
7	7	8	8	10	11	13	12	10	9	8	8	40
8	8	9	13	21	29	30	30	23	18	16	15	41
–	–	–	–	1	3	3	3	2	–	–	–	42
6	6	6	9	15	19	18	16	15	11	6	6	43
106	**131**	**136**	**144**	**219**	**229**	**248**	**234**	**215**	**198**	**198**	**207**	
2	2	3	3	3	4	4	4	4	4	3	3	44
15	12	14	14	13	13	16	16	15	10	9	9	45
3	3	3	4	5	5	5	5	4	3	4	3	46
2	2	2	2	2	2	2	2	2	2	2	2	47
24	37	39	37	40	42	42	43	34	35	38	28	48
24	29	31	36	103	109	114	118	113	108	106	128	49
13	13	13	14	14	14	16	15	14	14	13	13	50
20	30	28	30	34	35	43	26	25	19	20	18	51
3	3	3	4	5	5	6	5	4	3	3	3	52

IV. Quantities and Values of Materials Used and Products Obtained, 1919.
IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux beurreries	Cream delivered at factory — Crème livrée aux beurreries	Amount paid to patrons for — Sommes payées aux fournisseurs pour	
							Milk — Lait	Cream — Crème
		no.	no.	no.	lb.-liv.	lb. of butter fat — liv. de butyrine	$	$
	CANADA	**1,018**	**176,662**	**839,159**	**547,987,753**	**65,498,608**	**14,317,989**	**37,125,181**
	Prince Edward Island—Ile du Prince-Edouard	**10**	**1,532**	**5,649**	**–**	**633,910**	**–**	**367,177**
1	Kings	1	12	52	–	3,512	–	1,726
2	Prince	4	594	2,435	–	294,016	–	174,606
3	Queens	5	926	3,162	–	336,382	–	190,845
	Nova Scotia—Nouvelle-Ecosse	**22**	**4,990**	**20,300**	**655,798**	**1,923,786**	**19,564**	**1,143,470**
4	Annapolis	1	110	440	–	44,000	–	23,320
5	Antigonish	4	792	3,710	51,267	229,842	1,362	128,233
6	Colchester	3	322	1,910	204,172	219,095	6,273	131,500
7	Cumberland	2	335	1,350	–	124,440	–	75,764
8	Digby	2	155	400	320,164	12,822	8,946	7,052
9	Halifax	1	161	950	–	110,410	–	65,518
10	Hants	1	165	700	–	80,000	–	50,000
11	Inverness	1	219	750	–	44,148	–	23,762
12	Kings	2	365	1,340	–	152,000	–	89,400
13	Lunenburg	1	852	1,800	–	188,691	–	108,741
14	Pictou	2	959	4,600	80,195	478,819	2,983	298,441
15	Victoria	1	155	750	–	51,362	–	28,013
16	Yarmouth	1	400	1,600	–	188,157	–	113,676
	New Brunswick—Nouveau-Brunswick	**17**	**1,563**	**9,632**	**3,313,308**	**809,466**	**106,744**	**473,875**
17	Albert	1	13	80	–	9,094	–	4,939
18	Carleton	1	110	500	–	28,007	–	14,003
19	Kent	1	20	110	–	12,285	–	6,272
20	Kings	4	266	2,301	235,608	161,934	5,414	101,300
21	Madawaska	3	348	991	–	84,954	–	48,487
22	St. John	4	195	2,400	3,077,700	159,322	101,330	85,815
23	Westmorland	3	611	3,250	–	353,870	–	213,059
	Québec	**631**	**38,482**	**265,316**	**366,786,689**	**12,174,111**	**8,418,035**	**7,561,211**
24	Bagot	27	1,507	9,800	18,502,778	330,569	429,634	213,445
25	Beauce	21	1,067	7,141	14,162,575	70,303	323,189	42,125
26	Beauharnois	1	280	1,480	145,026	153,988	3,238	108,747
27	Bellechasse	15	1,032	5,727	12,305,600	–	286,353	–
28	Berthier	20	860	4,939	6,969,718	370,405	156,818	160,187
29	Bonaventure	11	740	3,184	6,139,900	–	137,648	–
30	Brome	15	1,309	15,215	1,653,879	1,399,378	45,647	944,483
31	Champlain	7	299	1,854	4,701,303	–	111,277	–
32	Charlevoix	1	70	325	454,771	–	10,229	–
33	Châteauguay	10	701	5,500	6,494,154	227,300	144,819	148,239
34	Chicoutimi	1	1	100	372,420	–	9,769	–
35	Compton	13	1,242	10,679	–	913,233	–	564,071
36	Deux-Montanges	15	763	4,567	12,985,307	1,974	275,968	1,338
37	Dorchester	9	935	5,943	13,353,388	–	312,158	–
38	Drummond	4	105	920	271,805	73,882	6,286	43,998
39	Frontenac	14	941	5,189	4,804,648	205,356	109,545	133,339
40	Gaspé	2	170	985	1,669,292	–	38,261	–
41	Hull	1	96	680	–	60,672	–	33,991
42	Huntingdon	7	580	5,040	7,169,310	209,851	167,976	136,894
43	Ibervtille	7	607	4,369	2,618,809	293,715	59,080	183,708
44	Jacques-Cartier	1	37	150	413,000	–	8,000	–
45	Joliette	35	1,523	8,900	18,296,710	306,923	400,333	170,211
46	Kamouraska	4	363	2,010	4,783,209	–	117,309	–
47	Labelle	5	315	1,974	234,364	110,299	5,390	69,551
48	Laprairie	2	245	1,550	3,135,936	21,678	71,123	14,421
49	L'Assomption	20	978	5,280	13,931,598	25,277	347,593	17,292
50	Laval	2	56	135	601,003	–	14,565	–
51	Lévis	4	236	1,240	2,375,720	16,234	56,803	9,761
52	L'Islet	14	765	4,338	9,651,685	–	204,539	–
53	Lotbinière	33	2,081	11,763	30,635,881	33,434	678,584	19,485
54	Maskinongé	14	420	2,800	6,370,869	39,566	143,408	19,091
55	Matane	15	1,057	6,330	13,684,999	–	318,801	–
56	Mégantic	7	463	2,944	817,780	233,718	19,340	130,347
57	Missisquoi	17	1,246	15,225	7,236,259	1,358,121	188,142	737,737
58	Montcalm	16	1,032	5,053	13,219,117	14,989	301,792	8,058

IV. Quantities and Values of Materials Used and Products Obtained, 1919.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919.

A. Creameries—Beurreries

Cost of Supplies and Containers — Coût des approvisionnements et récipients	Production of Butter — Production du beurre		Milk Sold — Lait vendu		Cream Sold — Crème vendue		Other Products Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
$	lb.-liv.	$	gal.	$	lb. of butter fat — liv. de butyrine	$	$	$	
[1]1,106,500	91,671,514	49,679,578	14,738,247	7,211,209	3,262,928	2,532,095	3,532,993	62,955,875	
9,697	747,825	400,693	–	–	–	–	1,520	402,213	
109	4,214	2,321	–	–	–	–	–	2,321	1
3,172	349,151	189,196	–	–	–	–	754	189,950	2
6,416	394,460	209,176	–	–	–	–	766	209,942	3
17,806	2,102,419	1,183,762	17,280	6,611	126,494	88,940	62,779	1,342,092	
400	47,000	26,320	–	–	–	–	–	26,320	4
2,633	232,401	129,844	2,280	684	21,245	17,644	1,457	149,629	5
1,015	166,602	104,460	15,000	5,927	88,858	59,900	964	171,251	6
4,031	115,968	66,316	–	–	1,100	739	33,875	100,930	7
275	33,386	17,578	–	–	994	599	–	18,177	8
1,141	135,172	77,300	–	–	–	–	521	77,821	9
500	101,000	55,000	–	–	–	–	400	55,400	10
688	52,977	29,043	–	–	2	1	122	29,166	11
1,050	175,000	96,250	–	–	3,000	3,000	640	99,890	12
1,367	199,195	111,410	–	–	757	727	17,592	129,729	13
3,052	569,220	316,959	–	–	3,740	2,271	6,039	325,269	14
364	59,443	32,956	–	–	208	104	192	33,252	15
1,290	215,055	120,326	–	–	6,590	3,955	977	125,258	16
17,508	910,504	503,714	266,906	133,113	43,252	41,513	139,072	817,412	
74	10,021	5,411	–	–	–	–	–	5,411	17
750	29,500	15,045	–	–	–	–	5,441	20,486	18
150	14,744	7,667	–	–	–	–	–	7,667	19
2,997	202,443	111,947	2,000	1,160	3,176	2,540	34,400	150,047	20
1,347	102,314	53,979	–	–	–	–	–	53,979	21
6,745	125,073	73,490	264,906	131,953	40,076	38,973	96,131	340,547	22
5,445	426,409	236,175	–	–	–	–	3,100	239,275	23
–	30,680,200	16,957,549	–	–	–	–	–	16,957,549	
–	1,256,734	692,936	–	–	–	–	–	692,936	24
–	753,608	407,946	–	–	–	–	–	407,946	25
–	225,074	125,242	–	–	–	–	–	125,242	26
–	583,469	315,823	–	–	–	–	–	315,823	27
–	715,357	363,194	–	–	–	–	–	363,194	28
–	287,342	155,179	–	–	–	–	–	155,179	29
–	1,153,163	745,122	–	–	–	–	–	745,122	30
–	222,499	124,227	–	–	–	–	–	124,227	31
–	21,880	12,034	–	–	–	–	–	12,034	32
–	582,880	320,100	–	–	–	–	–	320,100	33
–	5,200	3,380	–	–	–	–	–	3,380	34
–	1,105,711	613,101	–	–	–	–	–	613,101	35
–	540,946	300,448	–	–	–	–	–	300,448	36
–	612,204	337,101	–	–	–	–	–	337,101	37
–	99,721	54,218	–	–	–	–	–	54,218	38
–	533,516	290,603	–	–	–	–	–	290,603	39
–	82,119	43,522	–	–	–	–	–	43,522	40
–	66,648	37,323	–	–	–	–	–	37,323	41
–	587,889	326,104	–	–	–	–	–	326,104	42
–	463,577	259,310	–	–	–	–	–	259,310	43
–	–	8,800	–	–	–	–	–	8,800	44
–	1,197,554	658,304	–	–	–	–	–	658,304	45
–	229,663	126,302	–	–	–	–	–	126,302	46
–	150,495	82,156	–	–	–	–	–	82,156	47
–	163,854	91,898	–	–	–	–	–	91,898	48
–	750,140	381,882	–	–	–	–	–	381,882	49
–	26,700	15,045	–	–	–	–	–	15,045	50
–	131,917	71,594	–	–	–	–	–	71,549	51
–	434,175	236,165	–	–	–	–	–	236,165	52
–	1,429,928	786,348	–	–	–	–	–	786,348	53
–	348,315	193,371	–	–	–	–	–	193,371	54
–	662,006	349,566	–	–	–	–	–	349,566	55
–	301,882	161,483	–	–	–	–	–	161,483	56
–	1,416,163	798,256	–	–	–	–	–	798,256	57
–	609,935	335,184	–	–	–	–	–	335,184	58

[1] Quebec not included—Québec non inclus.

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux beurreries	Cream delivered at factory — Crème livrée aux beurreries	Amount paid to patrons for — Sommes payées aux fournisseurs pour	
							Milk — Lait	Cream — Crème
		no.	no.	no.	lb.-liv.	lb. of butter fat — liv. de butyrine	$	$
	Québec—concluded—fin.							
1	Montmagny	12	732	4,498	10,091,541	–	226,339	–
2	Montmorency	11	581	3,525	7,138,947	–	167,613	–
3	Montréal	3	–	–	–	684,396	–	486,518
4	Napierville	3	367	1,800	1,919,793	35,620	44,020	21,273
5	Nicolet	6	368	2,056	5,457,081	–	127,484	–
6	Pontiac	3	447	2,500	–	206,710	–	122,839
7	Portneuf	22	920	5,305	16,655,069	–	375,580	–
8	Richelieu	7	287	2,064	3,163,477	163,812	72,601	101,984
9	Richmond	8	406	2,830	–	291,731	–	162,231
10	Rimouski	5	350	1,906	7,512,904	–	177,190	–
11	Rouville	8	619	4,836	1,145,812	402,594	23,970	273,556
12	Shefford	33	1,901	20,266	3,555,247	2,112,706	78,748	1,426,814
13	Sherbrooke	2	85	692	–	56,121	–	35,514
14	Soulanges	7	397	1,953	5,300,878	13,631	121,337	9,807
15	Stanstead	15	1,570	18,808	–	1,105,074	–	660,091
16	St-Hyacinthe	1	23	250	775,237	–	17,452	–
17	St-Jean	4	306	1,737	1,644,466	54,732	35,109	29,868
18	St-Maurice	20	727	3,253	9,965,573	37,616	222,730	13,635
19	Témiscamingue	7	405	2,210	5,452,978	47,393	113,421	27,411
20	Témiscouata	29	2,022	11,943	31,655,874	–	761,863	–
21	Terrebonne	19	928	4,320	4,455,170	282,520	102,023	170,237
22	Vaudreuil	5	166	854	2,647,984	–	59,743	–
23	Verchères	7	546	2,945	8,085,845	54,467	184,195	35,005
24	Wolfe	3	197	1,286	–	144,824	–	67,630
25	Yamaska	1	10	130	–	9,299	–	6,279
	Ontario	**179**	**54,614**	**295,457**	**107,111,553**	**27,630,651**	**3,375,228**	**15,736,628**
26	Brant	4	919	7,000	297,200	670,301	9,896	396,799
27	Bruce	9	3,665	16,711	–	1,832,044	–	1,026,235
28	Carleton	4	1,561	15,020	37,414,896	1,095,952	1,233,526	665,576
29	Dufferin	3	2,350	6,100	–	725,651	–	401,141
30	Durham	2	374	1,675	–	125,865	–	70,001
31	Elgin	4	827	3,500	–	420,750	–	232,496
32	Essex	4	530	1,637	2,053,280	91,778	64,243	48,189
33	Grenville	1	255	1,530	1,291,199	91,913	26,710	58,824
34	Grey	8	2,842	13,435	–	1,199,339	–	665,125
35	Haldimand	9	2,533	14,010	1,388,133	1,551,245	38,117	907,678
36	Halton	3	615	3,790	–	465,290	–	294,063
37	Hastings	5	1,244	6,900	–	895,986	–	489,833
38	Huron	11	4,818	19,890	–	1,998,517	–	1,125,398
39	Kent	6	1,061	2,330	62,248	231,866	1,508	115,383
40	Lambton	6	2,060	11,510	2,158,794	979,436	60,355	537,282
41	Lanark	2	332	2,509	700,596	170,739	14,011	103,654
42	Leeds	1	469	2,000	–	208,109	–	131,108
43	Lennox & Addington	1	180	900	–	125,765	–	71,006
44	Lincoln	4	704	5,000	1,770,109	468,591	53,103	269,972
45	Middlesex	9	3,131	18,370	4,534,050	1,978,951	126,802	1,115,783
46	Nipissing	2	390	1,650	–	170,887	–	104,389
47	Norfolk	6	1,510	5,830	–	745,998	–	431,261
48	Northumberland	4	1,219	5,015	1,546,000	474,252	32,643	258,907
49	Ontario	6	1,565	12,300	–	782,760	–	423,382
50	Parry Sound	1	145	800	–	55,069	–	29,909
51	Perth	10	1,891	11,110	1,976,611	1,068,543	50,451	628,621
52	Peterborough	3	487	3,430	6,000,000	165,707	150,000	98,150
53	Prince Edward	1	150	900	–	91,092	–	47,985
54	Rainy River	1	102	300	–	26,140	–	14,618
55	Renfrew	5	1,189	6,600	–	524,169	–	303,574
56	Simcoe	7	1,851	7,170	160,875	772,649	4,510	438,053
57	Stormont	1	211	1,600	170,628	193,701	4,732	105,294
58	Haliburton	7	2,948	11,660	–	985,610	–	551,480
59	Victoria	6						
60	Waterloo	7	1,879	10,230	680,000	1,125,496	20,400	610,698
61	Welland	3	510	2,900	198,060	253,423	5,214	146,866
62	Wellington	6	2,288	16,190	431,038	1,737,835	11,958	990,206
63	Wentworth	4	582	7,150	12,049,989	302,037	389,887	160,771
64	York	9	5,257	36,805	32,236,847	2,827,312	1,077,162	1,666,918

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IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

A. Creameries—Beurreries

Cost of Supplies and Containers — Coût des approvisionnements et récipients	Production of Butter — Production du beurre		Milk Sold — Lait vendu		Cream Sold — Crème vendue		Other Products Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
$	lb.-liv.	$	gal.	$	lb. of butter fat — liv. de butyrine	$	$	$	
–	461,832	252,504	–	–	–	–	–	252,504	1
–	332,319	183,449	–	–	–	–	–	183,449	2
–	901,483	523,364	–	–	–	–	–	523,364	3
–	126,987	70,708	–	–	–	–	–	70,708	4
–	251,337	139,132	–	–	–	–	–	139,132	5
–	258,078	141,022	–	–	–	–	–	141,022	6
–	784,733	439,199	–	–	–	–	–	439,199	7
–	335,430	185,748	–	–	–	–	–	185,748	8
–	323,905	176,207	–	–	–	–	–	176,207	9
–	353,534	191,122	–	–	–	–	–	191,122	10
–	572,761	315,394	–	–	–	–	–	315,394	11
–	2,922,322	1,597,251	–	–	–	–	–	1,597,251	12
–	68,391	38,329	–	–	–	–	–	38,329	13
–	255,751	142,542	–	–	–	–	–	142,542	14
–	1,260,653	698,416	–	–	–	–	–	698,416	15
–	34,040	18,843	–	–	–	–	–	18,843	16
–	131,958	74,227	–	–	–	–	–	74,227	17
–	499,272	278,029	–	–	–	–	–	278,029	18
–	296,241	157,403	–	–	–	–	–	157,403	19
–	1,532,209	826,135	–	–	–	–	–	826,135	20
–	540,049	305,279	–	–	–	–	–	305,279	21
–	117,962	65,515	–	–	–	–	–	65,515	22
–	418,944	235,451	–	–	–	–	–	235,451	23
–	135,524	72,245	–	–	–	–	–	72,245	24
–	12,221	6,768	–	–	–	–	–	6,768	25
526,981	**31,921,695**	**17,243,316**	**8,676,811**	**4,113,843**	**1,037,542**	**764,664**	**1,758,582**	**23,880,405**	
28,051	783,559	433,734	10,912	4,688	34,249	21,357	65,232	525,011	26
10,351	2,193,200	1,171,970	–	–	–	–	2,738	1,174,708	27
17,503	934,577	533,477	3,058,198	1,416,004	451,889	309,433	527,061	2,785,975	28
7,108	887,112	446,342	–	–	–	–	1,437	447,779	29
708	150,269	81,759	–	–	–	–	166	81,925	30
4,384	486,300	255,644	–	–	–	–	1,350	256,994	31
4,074	86,700	46,740	150,000	84,600	17,850	12,500	17,830	161,670	32
1,818	159,644	89,400	–	–	–	–	7,563	96,963	33
12,326	1,456,240	769,041	–	–	1,815	1,270	3,211	773,522	34
18,256	1,852,621	1,038,657	138,813	51,499	–	–	14,151	1,104,307	35
1,326	564,752	322,498	–	–	–	–	76	322,574	36
8,839	891,048	479,584	–	–	–	–	109,874	589,458	37
24,047	2,349,569	1,262,561	–	–	–	–	11,232	1,273,793	38
2,770	274,383	143,735	1,908	876	7,732	4,466	6,405	155,482	39
20,204	1,160,222	628,988	191,575	86,618	6,622	4,046	54,135	773,787	40
1,120	178,125	105,781	67,535	32,416	15,635	9,381	4,395	151,973	41
1,224	214,125	123,121	–	–	7,770	5,822	21,666	150,609	42
1,000	156,637	84,584	–	–	–	–	300	84,884	43
2,835	533,130	306,354	177,010	76,685	23,500	14,250	2,335	399,624	44
52,679	2,409,881	1,260,291	154,221	61,688	–	–	250,502	1,572,481	45
2,043	210,242	117,459	–	–	–	–	742	118,201	46
8,309	925,785	501,512	–	–	–	–	4,997	506,509	47
6,371	552,241	298,272	154,600	51,904	16,445	10,525	574	361,275	45
6,138	916,670	495,686	–	–	–	–	1,018	496,704	49
950	66,572	35,283	–	–	–	–	808	36,091	50
16,369	1,280,047	689,974	170,639	71,306	11,186	7,889	30,205	799,374	51
126,563	229,702	130,530	113,453	56,727	6,250	3,750	302,673	493,680	52
500	53,420	28,921	–	–	–	–	29,005	57,926	53
240	28,952	13,960	–	–	–	–	3,169	17,129	54
5,615	633,431	339,617	–	–	213	426	11,653	351,696	55
9,369	940,106	487,754	16,043	7,388	1,699	1,047	4,857	501,046	56
3,312	171,347	95,998	6,394	2,556	659	508	36,504	135,566	57
10,386	1,199,268	642,998	–	–	–	–	3,584	646,582	58
									59
10,060	1,255,751	671,803	67,530	33,765	3,923	3,139	24,274	732,981	60
8,020	281,860	152,721	15,845	5,021	10,780	8,360	32,549	198,651	61
42,125	2,117,759	1,134,200	–	–	10,165	9,375	32,644	1,176,219	62
28,394	194,280	114,168	1,046,885	543,346	128,250	85,859	76,066	819,439	63
21,594	3,142,168	1,708,199	3,135,250	1,526,756	280,910	251,261	61,601	3,547,817	64

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux beurreries	Cream delivered at factory — Crème livrée aux beurreries	Amount paid to patrons for — Sommes payées aux fournisseurs pour	
							Milk — Lait	Cream — Crème
		no.	no.	no.	lb.-liv.	lb. of butter fat — liv. de butyrine	$	$
	Manitoba	**44**	**29,412**	**82,438**	**25,792,000**	**7,395,323**	**853,929**	**3,963,639**
1	Brandon	6	7,700	16,348	373,864	1,699,469	9,751	893,957
2	Dauphin	5	2,650	5,900	–	559,795	–	273,728
3	Lisgar	2	1,025	1,552	–	159,313	–	81,971
4	Macdonald	2	430	1,000	–	120,018	–	57,390
5	Marquette	6	3,140	11,130	–	1,021,977	–	543,450
6	Neepawa	2	500	2,000	–	192,000	–	103,500
7	Nelson	1	225	600	–	53,798	–	25,379
8	Provencher	1	16	80	–	8,858	–	4,643
9	Selkirk	7	1,556	7,680	472,890	798,778	13,241	420,148
10	Souris	5	1,970	6,272	–	537,484	–	289,843
11	Springfield	1	300	2,400	–	244,643	–	147,049
12	Winnipeg	6	9,900	27,476	24,945,246	1,999,190	830,937	1,122,581
	Saskatchewan	**42**	**26,281**	**67,215**	**12,772,519**	**5,801,486**	**452,432**	**2,920,885**
13	Assiniboia	5	3,073	11,780	124,681	599,705	3,740	300,718
14	Battleford	4	1,893	4,600	–	435,587	–	212,519
15	Humboldt	7	3,462	8,340	–	870,582	–	436,442
16	Kindersley	2	1,297	2,620	–	276,585	–	133,510
17	Mackenzie	4	3,129	9,500	8,090	701,999	248	330,804
18	Moose Jaw	2	2,140	6,800	922,610	724,198	23,065	393,876
19	North Battleford	3	1,228	2,100	–	240,038	–	118,662
20	Prince Albert	6	2,700	6,585	998,380	656,226	31,487	337,697
21	Qu'Appelle	1	421	600	–	59,682	–	29,224
22	Regina	1	1,606	6,500	5,321,144	471,402	190,741	240,065
23	Saltcoats	3	2,025	3,300	–	359,075	–	169,396
24	Saskatoon	3	2,190	3,190	5,397,614	256,148	203,151	139,839
25	Swift Current	1	1,117	1,300	–	150,259	–	78,133
	Alberta	**48**	**17,114**	**65,738**	**3,969,582**	**7,468,333**	**137,425**	**3,880,244**
26	Battle River	4	1,558	7,532	–	711,523	–	354,017
27	Bow River	4	261	1,082	96,300	199,315	2,889	107,026
28	Calgary	7	3,824	16,194	1,870,428	1,930,614	58,243	1,039,598
29	Edmonton	6	5,987	16,870	4,000	1,962,453	120	1,027,126
30	Lethbridge	4	882	2,220	1,101,137	325,718	42,536	170,732
31	Macleod	1	50	350	–	18,435	–	9,824
32	Medicine Hat	1	300	1,260	877,717	71,897	33,137	38,121
33	Red Deer	14	2,564	11,580	20,000	1,191,420	500	598,324
34	Strathcona	1	80	350	–	35,000	–	19,250
35	Victoria	6	1,608	8,300	–	1,021,958	–	516,226
	British Columbia— Colombie Britannique	**25**	**2,644**	**27,414**	**27,586,304**	**1,661,542**	**954,632**	**1,078,052**
36	Cariboo	3	298	1,135	–	153,124	–	94,865
37	Comox-Alberni	1	120	1,000	–	136,800	–	82,081
38	Kootenay (West)	1	182	600	66,000	59,538	2,860	32,635
39	Nanaimo	3	306	1,600	–	217,741	–	151,173
40	New Westminster	3	89	625	–	95,638	–	70,739
41	Vancouver	7	898	11,200	18,908,335	650,241	669,882	424,910
42	Victoria	2	124	1,750	1,592,510	78,757	63,700	60,381
43	Westminster	1	200	7,400	7,013,092	44,829	218,084	30,077
44	Yale	4	427	2,104	6,367	224,874	106	131,191

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur de matières premières employées et des produits fabriqués en 1919—suite

A. Creameries—Beurreries

Cost of Supplies and Containers — Coût des approvisionnements et récipients	Production of Butter — Production du beurre		Milk Sold — Lait vendu		Cream Sold — Crème vendue		Other Products Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
$	lb.-liv.	$	gal.	$	lb. of butter fat — liv. de butyrine	$	$	$	
234,288	**8,268,342**	**4,350,693**	**2,345,547**	**1,237,469**	**1,081,154**	**782,751**	**559,507**	**6,930,420**	
75,827	2,014,286	1,080,912	–	–	–	–	114,092	1,195,004	1
8,090	674,460	346,895	–	–	1,714	1,114	18,402	366,411	2
1,239	199,728	97,114	–	–	–	–	12	97,126	3
1,161	142,102	66,443	–	–	–	–	230	66,673	4
22,815	1,221,151	628,809	–	–	–	–	18,665	647,474	5
2,250	225,110	121,250	–	–	–	–	18,750	140,000	6
852	68,237	35,378	–	–	–	–	285	35,663	7
136	10,467	5,167	–	–	–	–	8	5,175	8
14,518	967,002	488,206	47,289	15,440	–	–	75	503,721	9
8,763	639,152	334,631	–	–	–	–	186	334,817	10
2,867	298,345	173,040	–	–	–	–	263	173,303	11
95,770	1,808,302	972,848	2,298,258	1,222,029	1,079,440	781,637	388,539	3,365,053	12
149,544	**6,622,572**	**3,495,172**	**1,071,802**	**598,001**	**352,062**	**327,059**	**610,618**	**5,030,850**	
6,786	587,577	306,899	3,000	1,200	99,448	54,550	22,766	385,415	13
6,290	505,691	264,634	–	–	16,590	8,296	362	273,292	14
13,409	1,078,231	573,296	–	–	350	231	798	574,325	15
2,842	337,413	179,503	–	–	301	170	298	179,971	16
15,375	815,396	425,338	–	–	605	431	24,667	450,436	17
19,748	780,076	411,879	92,261	55,356	49,965	34,975	218,170	720,380	18
2,738	289,875	155,223	–	–	1,140	573	253	156,049	19
15,518	746,668	395,921	75,777	38,495	26,160	21,266	44,387	500,069	20
675	69,901	37,187	–	–	1,500	1,022	53	38,262	21
20,420	551,893	293,607	437,500	241,616	85,000	135,078	158,753	829,054	22
2,906	404,519	215,203	–	–	2,652	1,419	303	216,925	23
40,487	256,278	131,780	463,264	261,334	68,351	69,048	139,602	601,764	24
2,350	199,054	104,702	–	–	–	–	206	104,908	25
123,086	**8,771,137**	**4,538,993**	**286,499**	**154,700**	**167,732**	**133,454**	**194,950**	**5,022,097**	
9,200	862,334	430,837	–	–	–	–	3,705	434,542	26
5,063	226,610	120,775	8,200	4,100	1,458	898	1,857	127,630	27
31,539	2,163,176	1,120,812	122,118	55,873	122,480	95,540	49,552	1,312,777	28
28,477	2,373,282	1,246,321	–	–	–	–	14,256	1,260,577	29
12,874	369,766	186,384	74,856	46,686	17,780	16,694	71,408	321,172	30
176	20,948	11,386	–	–	–	–	42	11,428	31
416	62,211	35,460	81,325	48,041	20,712	16,610	40,285	140,396	32
22,637	1,440,885	739,559	–	–	4	3	13,935	753,497	33
300	42,000	21,000	–	–	–	–	–	21,000	34
12,404	1,209,925	626,459	–	–	5,298	3,709	8,910	639,078	35
27,590	**1,646,820**	**1,005,686**	**2,073,402**	**967,472**	**454,692**	**393,714**	**205,965**	**2,572,837**	
1,845	186,615	111,963	–	–	3,488	2,823	1,309	116,095	36
1,283	150,902	96,637	–	–	–	–	2,222	98,859	37
2,475	60,801	33,441	–	–	–	–	20,670	54,111	38
2,220	269,140	177,214	–	–	–	–	702	177,916	39
4,520	67,519	40,655	78,000	39,000	3,689	2,955	19,277	101,887	40
5,854	610,685	370,188	1,433,706	681,268	269,691	249,706	103,387	1,404,549	41
4,005	40,060	28,042	159,251	79,626	20,000	20,000	39,988	167,656	42
1,311	–		401,945	167,328	156,933	117,561	5,228	290,117	43
4,077	261,098	147,546	500	250	891	669	13,182	161,647	44

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

B. Cheese Factories—Fromageries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at Factory — Lait livré aux fromageries	Amount paid to Patrons for Milk — Sommes payées aux fournisseurs pour lait
		no.	no.	no.	lb.-liv.	$
	CANADA	**1,787**	**62,422**	**538,370**	**1,562,153,384**	**31,967,138**
	Prince Edward Island—Ile du Pr.-Edouard	**20**	**1,509**	**7,063**	**17,888,773**	**372,854**
1	Kings	6	250	690	1,594,658	32,705
2	Prince	8	845	4,540	11,545,886	241,148
3	Queens	6	414	1,833	4,748,229	99,001
	Nova Scotia—Nouvelle-Ecosse	**1**	**35**	**220**	**504,923**	**11,283**
4	Cumberland	1	35	220	504,923	11,283
	New Brunswick—Nouveau-Brunswick	**24**	**628**	**5,548**	**12,943,594**	**317,188**
5	Gloucester	1	20	190	231,387	5,170
6	Kings	16	423	4,373	10,527,716	260,782
7	Madawaska	4	102	385	637,065	14,452
8	Westmorland	3	83	600	1,547,426	36,784
	Québec	**833**	**22,419**	**170,267**	**389,458,628**	**8,818,945**
9	Argenteuil	35	693	7,473	18,724,381	405,684
10	Arthabaska	43	1,118	9,571	23,060,962	539,738
11	Bagot	1	32	250	568,040	14,151
12	Beauce	66	1,774	12,164	24,512,688	555,251
13	Beauharnois	9	275	1,506	4,518,553	98,602
14	Bellechasse	3	96	451	967,317	22,022
15	Berthier	3	93	715	1,403,354	27,434
16	Bonaventure	2	55	212	397,097	8,569
17	Brome	1	12	200	446,160	8,923
18	Chambly	4	78	491	1,119,810	25,529
19	Champlain	20	652	4,017	9,039,130	209,263
20	Charlevoix	29	633	4,095	6,157,159	138,033
21	Châteauguay	4	99	1,100	2,349,272	50,588
22	Chicoutimi	46	742	8,376	19,346,064	426,502
23	Compton	4	91	625	959,813	21,425
24	Deux-Montagnes	2	62	442	1,353,779	29,102
25	Dorchester	44	1,309	8,080	16,096,350	353,023
26	Drummond	16	422	4,024	7,333,503	173,054
27	Frontenac	28	877	5,750	11,856,969	262,177
28	Hull	21	556	4,065	8,250,139	180,921
29	Hunting'on	5	115	1,216	3,922,724	85,889
30	Iberville	4	146	926	2,603,607	58,500
31	Joliette	5	86	564	1,145,333	25,038
32	Kamouraska	11	586	3,235	8,013,452	189,050
33	Labelle	59	1,680	12,265	24,931,298	567,480
34	Lac St-Jean	79	1,889	18,318	44,782,605	1,010,871
35	Lévis	4	142	810	1,519,494	35,743
36	L'Islet	5	167	1,010	1,384,766	29,293
37	Lotbinière	4	113	715	2,280,586	51,725
38	Maskinongé	7	132	783	1,607,586	36,036
39	Matane	16	510	2,968	5,297,804	119,918
40	Mégantic	40	1,092	8,087	17,501,627	390,781
41	Montcalm	5	90	1,043	2,333,104	53,965
42	Montmagny	5	165	1,166	1,886,257	41,168
43	Montmorency	3	86	482	736,664	16,978
44	Nicolet	18	439	3,684	10,586,721	247,903
45	Pontiac	2	48	340	840,773	18,696
46	Portneuf	8	191	1,413	2,729,605	59,985
47	Richelieu	5	129	915	2,466,182	56,876
48	Richmond	24	663	5,610	13,095,931	299,523
49	Rimouski	17	819	5,269	10,258,346	232,196
50	Rouville	15	553	4,109	14,459,227	336,085
51	Saguenay	8	129	972	2,137,897	46,457
52	Sherbrooke	1	50	390	730,473	16,824
53	Soulanges	1	34	282	808,022	17,701
54	St-Hyacinthe	1	24	150	470,230	10,092
55	St-Jean	1	21	97	216,230	4,897
56	St-Maurice	3	77	463	953,517	22,337
57	Témiscamingue	5	170	980	2,107,871	44,321
58	Témiscouata	5	185	925	1,926,112	44,454
59	Terrebonne	3	77	633	1,358,886	32,079

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IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

B. Cheese Factories—Fromageries

Cost of Supplies and Containers — Coût des approvisionnements et récipients	Production of Cheese — Production du fromage		Milk Sold — Lait vendu		Cream Sold — Crème vendue		Other Products. Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
$	lb.-liv.	$	gal.	$	lb. of butter fat — liv. de butyrine	$	$	$	
834,553[1]	**141,017,656**	**37,828,401**	**2,103,167**	**623,484**	**353,458**	**224,500**	**811,571**	**39,187,956**	
13,104	**1,677,431**	**432,502**	–	–	–	–	–	**432,502**	
1,352	153,498	39,196	–	–	–	–	–	39,196	1
8,027	1,079,835	278,891	–	–	–	–	–	278,891	2
3,725	444,098	114,415	–	–	–	–	–	114,415	3
355	**47,360**	**12,952**	–	–	–	–	–	**12,952**	
355	47,360	12,952	–	–	–	–	–	12,952	4
11,887	**1,252,849**	**349,794**	–	–	–	–	50	**349,844**	
190	20,740	5,794	–	–	–	–	–	5,794	5
9,547	1,031,161	286,980	–	–	–	–	50	287,030	6
658	56,103	16,995	–	–	–	–	–	16,995	7
1,492	144,845	40,025	–	–	–	–	–	40,025	8
–	**37,938,878**	**10,001,712**	–	–	–	–	–	**10,001,712**	
–	1,700,800	468,871	–	–	–	–	–	468,871	9
–	2,254,752	596,106	–	–	–	–	–	596,106	10
–	54,621	15,789	–	–	–	–	–	15,789	11
–	2,372,665	618,012	–	–	–	–	–	618,012	12
–	423,560	110,937	–	–	–	–	–	110,937	13
–	97,882	25,457	–	–	–	–	–	25,457	14
–	136,615	31,883	–	–	–	–	–	31,883	15
–	39,647	9,985	–	–	–	–	–	9,985	16
–	40,560	10,140	–	–	–	–	–	10,140	17
–	110,226	28,380	–	–	–	–	–	28,380	18
–	905,564	242,837	–	–	–	–	–	242,837	19
–	610,825	159,472	–	–	–	–	–	159,472	20
–	212,680	54,969	–	–	–	–	–	54,969	21
–	1,923,683	497,857	–	–	–	–	–	497,857	22
–	94,364	24,423	–	–	–	–	–	24,423	23
–	124,454	33,353	–	–	–	–	–	33,353	24
–	1,567,421	401,834	–	–	–	–	–	401,834	25
–	717,819	190,407	–	–	–	–	–	190,407	26
–	1,162,841	297,686	–	–	–	–	–	297,686	27
–	788,207	207,093	–	–	–	–	–	207,093	28
–	360,417	95,012	–	–	–	–	–	95,012	29
–	241,839	64,723	–	–	–	–	–	64,723	30
–	119,880	29,788	–	–	–	–	–	29,788	31
–	791,455	210,172	–	–	–	–	–	210,172	32
–	2,403,741	641,217	–	–	–	–	–	641,217	33
–	4,508,832	1,199,217	–	–	–	–	–	1,199,217	34
–	147,108	39,078	–	–	–	–	–	39,078	35
–	133,231	34,215	–	–	–	–	–	34,215	36
–	221,128	61,563	–	–	–	–	–	61,653	37
–	161,014	42,150	–	–	–	–	–	42,150	38
–	538,928	137,815	–	–	–	–	–	137,815	39
–	1,663,692	439,112	–	–	–	–	–	439,112	40
–	234,094	63,480	–	–	–	–	–	63,480	41
–	184,907	48,849	–	–	–	–	–	48,849	42
–	74,292	19,181	–	–	–	–	–	19,181	43
–	1,039,515	276,767	–	–	–	–	–	276,767	44
–	80,293	21,181	–	–	–	–	–	21,181	45
–	273,127	72,179	–	–	–	–	–	72,179	46
–	239,642	63,547	–	–	–	–	–	63,547	47
–	1,259,127	331,666	–	–	–	–	–	331,666	48
–	1,020,753	263,885	–	–	–	–	–	263,885	49
–	1,393,132	366,137	–	–	–	–	–	366,137	50
–	217,778	57,349	–	–	–	–	–	57,349	51
–	71,731	18,889	–	–	–	–	–	18,889	52
–	74,679	19,569	–	–	–	–	–	19,569	53
–	44,361	11,201	–	–	–	–	–	11,201	54
–	19,844	5,387	–	–	–	–	–	5,387	55
–	97,403	26,090	–	–	–	–	–	26,090	56
–	209,837	53,324	–	–	–	–	–	53,324	57
–	191,462	49,857	–	–	–	–	–	49,857	58
–	133,895	35,690	–	–	–	–	–	35,690	59

[1]Quebec not included—Québec non inclus.

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

B. Cheese Factories—Fromageries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at Factory — Lait livré aux fromageries	Amount paid to Patrons for Milk — Sommes payées aux fournisseurs pour lait
		no.	no.	no.	lb.-liv.	$
	Québec—concluded—fin.					
1	Vaudreuil	11	366	2,624	7,420,168	173,724
2	Verchères	2	52	292	886,633	19,256
3	Wolfe	39	957	8,420	19,172,726	440,208
4	Yamaska	31	767	5,504	18,434,631	432,905
	Ontario	**888**	**36,870**	**349,538**	**1,125,644,718**	**25,069,782**
5	Algoma	3	52	458	837,449	17,999
6	Bruce	4	266	2,086	4,254,637	88,112
7	Carleton	47	1,830	16,576	47,213,188	1,043,295
8	Dufferin	2	65	300	790,751	16,519
9	Dundas	50	1,698	21,473	75,149,248	1,692,231
10	Durham	1	46	264	691,939	15,406
11	Elgin	15	1,046	7,785	28,707,096	642,939
12	Frontenac	66	2,091	23,161	74,618,814	1,670,141
13	Glengarry	67	2,070	21,168	64,338,873	1,468,896
14	Grenville	39	1,501	14,511	46,233,662	1,011,719
15	Hastings	72	3,002	29,304	96,558,625	2,098,163
16	Huron	4	253	1,530	4,204,624	87,759
17	Lambton	4	404	2,100	4,458,665	101,323
18	Lanark	38	1,546	13,030	36,099,337	785,449
19	Leeds	85	2,637	32,492	114,947,077	2,572,992
20	Lennox & Addington	32	2,346	18,592	64,258,700	1,405,536
21	Lincoln	1	73	365	391,126	7,761
22	Middlesex	19	1,234	10,294	36,693,531	809,210
23	Nipissing	14	366	2,110	4,953,301	111,573
24	Norfolk	6	383	1,854	5,881,175	118,572
25	Northumberland	35	1,573	13,184	45,365,730	941,461
26	Oxford	21	1,240	15,543	59,520,636	1,367,466
27	Perth	15	1,276	12,508	33,808,489	759,209
28	Peterborough	26	1,046	7,516	22,231,747	453,245
29	Prescott	69	2,049	19,442	62,225,956	1,436,242
30	Prince Edward	20	1,470	12,370	41,345,656	904,322
31	Renfrew	16	599	3,865	8,819,696	189,724
32	Russell	59	1,915	17,539	55,579,137	1,285,290
33	Stormont	47	2,062	22,703	71,925,644	1,676,316
34	Victoria	7	371	2,640	6,176,839	134,468
35	Waterloo	3	240	2,175	5,903,475	126,392
36	Welland	1	120	600	1,459,895	30,052
	Manitoba	**12**	**265**	**1,674**	**4,456,804**	**97,786**
37	Lisgar	1	22	95	280,000	6,000
38	Provencher	7	172	1,049	3,007,090	66,922
39	Springfield	4	71	530	1,169,714	24,864
	Saskatchewan	**1**	**38**	**120**	**357,025**	**10,109**
40	Prince Albert	1	38	120	357,025	10,109
	Alberta	**5**	**532**	**2,990**	**8,035,292**	**197,856**
41	Calgary	1	184	2,000	5,264,902	133,612
42	Edmonton	1	17	150	85,030	1,683
43	Lethbridge	1	31	90	263,760	5,275
44	Red Deer	1	240	600	1,970,789	47,143
45	Strathcona	1	60	150	450,811	10,143
	British Columbia—Colombie Britannique	**3**	**126**	**950**	**2,863,627**	**71,335**
46	Westminster	3	126	950	2,863,627	71,335

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

B. Cheese Factories—Fromageries

Cost of Supplies and Containers — Coût des approvisionnements et récipients	Production of Cheese — Production du fromage		Milk Sold — Lait vendu		Cream Sold — Crème vendue		Other Products, Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
$	lb.-liv.	$	gal.	$	lb. of butter fat — liv. de butyrine	$	$	$	
–	714,882	191,554	–	–	–	–	–	191,554	1
–	83,521	21,587	–	–	–	–	–	21,587	2
–	1,853,606	488,659	–	–	–	–	–	488,659	3
–	1,796,546	476,131	–	–	–	–	–	476,131	4
794,355	**99,046,731**	**26,744,016**	**2,024,194**	**594,126**	**204,900**	**135,767**	**591,953**	**28,065,862**	
634	77,149	20,303	–	–	–	–	–	20,303	5
3,101	374,531	102,073	–	–	–	–	1,483	103,556	6
37,405	4,242,996	1,139,363	1,976	751	–	–	16,355	1,156,469	7
483	71,794	19,288	–	–	–	–	–	19,288	8
57,547	6,779,211	1,797,808	41,641	13,033	612	429	59,995	1,871,265	9
925	65,125	18,694	–	–	–	–	756	19,450	10
15,170	2,217,352	604,965	319,599	91,188	–	–	15,935	712,088	11
53,092	6,729,094	1,809,778	–	–	–	–	31,316	1,841,094	12
48,940	5,952,677	1,604,601	–	–	–	–	15,003	1,619,604	13
34,799	4,102,584	1,103,333	11,434	3,430	–	–	9,339	1,116,102	14
61,128	8,558,232	2,332,879	4,695	1,126	–	–	82,927	2,416,932	15
4,035	363,279	104,120	–	–	–	–	13	104,133	16
2,264	317,685	88,852	76,141	21,385	9,131	5,303	2,522	118,062	17
26,435	3,228,923	867,355	–	–	–	–	29,976	897,331	18
80,762	10,002,503	2,710,727	144,595	41,723	2,403	1,562	78,590	2,832,602	19
43,639	5,841,826	1,581,548	–	–	–	–	34,841	1,616,389	20
280	35,454	9,875	–	–	–	–	–	9,875	21
22,064	3,179,576	855,692	104,942	31,344	–	–	12,493	899,529	22
4,186	489,489	126,662	–	–	–	–	–	126,662	23
3,450	490,808	134,324	–	–	–	–	2,433	136,757	24
30,143	3,919,558	1,056,447	–	–	–	–	34,292	1,090,739	25
29,578	4,498,475	1,211,138	794,585	226,746	14,093	7,983	33,718	1,479,585	26
18,827	2,689,406	748,190	309,491	96,069	–	–	15,244	859,503	27
17,503	1,934,372	519,552	–	–	–	–	13,607	533,159	28
47,136	5,888,737	1,567,864	–	–	–	–	10,644	1,578,508	29
35,503	3,623,989	999,288	–	–	28,996	16,730	36,722	1,052,740	30
6,660	825,499	216,425	–	–	–	–	1,520	217,945	31
45,153	5,276,664	1,407,893	–	–	–	–	7,573	1,415,466	32
49,834	6,020,464	1,635,923	215,395	67,331	149,665	103,760	37,528	1,844,542	33
4,787	576,373	156,141	–	–	–	–	2,600	158,741	34
7,979	548,944	158,451	–	–	–	–	1,486	159,937	35
913	123,962	34,464	–	–	–	–	3,042	37,506	36
3,272	**423,855**	**111,898**	–	–	–	–	**328**	**112,226**	
260	26,759	7,064	–	–	–	–	–	7,064	37
2,190	286,542	75,648	–	–	–	–	–	75,648	38
822	110,554	29,186	–	–	–	–	328	29,514	39
340	**35,452**	**11,527**	–	–	–	–	–	**11,527**	
340	35,452	11,527	–	–	–	–	–	11,527	
7,948	**305,598**	**80,195**	**78,673**	**29,358**	**148,558**	**88,733**	**219,240**	**417,526**	
4,999	116,990	29,248	74,213	27,128	112,992	63,837	219,240	339,453	41
195	7,485	2,169	–	–	–	–	–	2,169	42
150	22,492	6,298	–	–	–	–	–	6,298	43
1,860	114,920	29,367	4,460	2,230	35,566	24,896	–	56,493	44
744	43,711	13,113	–	–	–	–	–	13,113	45
3,291	**289,502**	**83,805**	–	–	–	–	–	**83,805**	
3,291	289,502	83,805	–	–	–	–	–	83,805	46

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux fabriques	Cream delivered at factory — Crème livrée aux fabriques	Amount paid to Patrons for — Sommes payées aux fournis- pour		Cost of Supplies and Containers — Coût des approvisionnements et récipients
							Milk — Lait	Cream — Crème	
		no.	no.	no.	lb.-liv.	lb. of butter fat — livre de butyrine	$	$	$
	CANADA	**453**	**29,976**	**183,536**	**418,664,413**	**5,602,649**	**9,957,827**	**3,150,472**	**352,313**[1]
	Prince Edward Island— Ile du Prince-Edouard	**7**	**944**	**3,465**	**8,466,865**	**66,331**	**178,173**	**39,966**	**6,600**
1	Kings	1	58	130	397,026	–	7,450	–	392
2	Prince	1	127	410	971,476	11,167	18,704	6,009	1,116
3	Queens	5	759	2,925	7,098,363	55,164	152,019	33,957	5,092
	Québec	**403**	**17,764**	**125,871**	**319,786,783**	**1,356,033**	**7,427,004**	**846,864**	–
4	Arthabaska	30	1,206	8,993	26,952,714	5,426	636,741	3,774	–
5	Bagot	8	504	3,100	6,869,361	75,734	163,315	49,239	–
6	Beauce	14	612	3,667	8,536,511	13,556	199,190	7,881	–
7	Beauharnois	9	335	2,494	6,588,502	15,176	146,633	12,084	–
8	Berthier	14	554	3,208	8,897,648	60,476	218,028	34,159	–
9	Chambly	1	52	240	680,546	–	15,313	–	–
10	Champlain	26	1,132	7,075	18,531,830	–	436,512	–	–
11	Châteauguay	4	302	3,125	4,952,445	51,085	106,874	31,282	–
12	Chicoutimi	3	56	805	2,545,078	–	53,630	–	–
13	Compton	3	149	1,142	2,059,888	29,596	45,532	15,411	–
14	Deux-Montagnes	4	180	1,785	2,799,003	6,314	68,839	4,189	–
15	Dorchester	1	64	395	1,021,986	–	23,441	–	–
16	Drummond	23	1,162	9,221	12,605,899	322,831	289,950	197,247	–
17	Frontenac	4	308	2,076	1,645,649	73,107	52,854	48,610	–
18	Huntingdon	13	414	4,536	13,007,185	20,572	281,870	15,122	–
19	Iberville	1	95	452	1,003,193	18,169	22,353	12,231	–
20	Joliette	3	157	704	1,142,394	30,911	24,132	16,747	–
21	Kamouraska	9	686	3,851	11,034,441	–	274,037	–	–
22	Labelle	4	226	1,481	1,884,720	39,791	44,445	25,426	–
23	Lac St-Jean	18	565	6,813	17,216,389	–	417,672	–	–
24	L'Assomption	1	11	60	73,008	–	1,326	–	–
25	Maskinongé	17	733	4,065	9,437,987	37,611	196,652	28,840	–
26	Matane	4	207	1,353	2,929,962	–	65,489	–	–
27	Mégantic	7	218	1,833	3,347,052	91,002	70,996	55,870	–
28	Montcalm	1	13	200	419,178	–	9,440	–	–
29	Nicolet	59	2,425	17,434	49,695,583	35,035	1,169,622	26,057	–
30	Portneuf	16	637	3,764	11,662,684	–	261,201	–	–
31	Richelieu	13	658	4,286	11,293,882	22,288	267,395	14,651	–
32	Richmond	5	248	1,390	4,051,515	20,854	92,225	10,803	–
33	Rouville	5	298	1,131	4,342,201	80,829	95,955	55,578	–
34	Shefford	5	223	1,888	1,520,965	164,856	34,209	108,903	–
35	Soulanges	3	159	819	2,660,828	–	62,056	–	–
36	St-Hyacinthe	25	1,182	8,694	27,848,826	–	629,430	–	–
37	St-Jean	1	62	490	132,237	24,585	3,098	14,561	–
38	Témiscamingue	1	12	105	247,643	–	5,087	–	–
39	Témiscouata	1	58	350	533,640	–	12,742	–	–
40	Vaudreuil	2	74	498	1,501,359	4,433	35,371	2,780	–
41	Verchères	4	159	1,095	3,450,662	–	76,966	–	–
42	Wolfe	10	486	3,659	5,299,056	111,796	120,207	55,419	–
43	Yamaska	31	1,142	7,594	29,563,133	–	696,176	–	–
	Ontario	**37**	**3,421**	**25,805**	**78,412,627**	**1,222,496**	**1,998,327**	**797,010**	**179,963**
44	Algoma	3	147	553	1,103,456	3,408	23,267	1,704	1,176
45	Carleton	1	40	600	1,578,608	–	34,094	–	1,248
46	Dundas	3	98	1,250	4,804,004	–	112,028	–	3,020
47	Elgin	1	45	350	1,267,447	457	28,502	297	550
48	Frontenac	1	80	1,100	50,578	105,130	1,625	66,693	1,277
49	Glengarry	1	34	519	2,050,814	–	46,505	–	1,274
50	Haldimand	1	150	700	1,653,551	8,000	34,624	4,500	1,380
51	Lanark	2	103	800	2,070,932	16,800	48,282	8,675	1,591
52	Leeds	1	27	360	1,588,538	–	35,660	–	1,088
53	Nipissing	3	127	650	689,416	23,900	15,205	13,605	975
54	Norfolk	1	135	450	1,877,260	23,561	37,277	14,169	2,135
55	Oxford	6	717	6,202	13,782,653	186,917	316,847	112,789	9,164
56	Perth	5	771	4,600	10,376,931	185,301	239,704	111,466	9,416
57	Peterborough	4	201	1,534	3,844,240	17,634	84,397	9,445	2,127
58	Prince Edward	1	137	1,250	3,817,681	–	83,236	–	3,520
59	Wellington	2	222	855	1,647,296	43,660	32,146	24,444	1,410
60	York	1	387	4,032	26,209,222	607,728	824,928	429,223	138,612

[1] Queben not included—Québec non inclus.

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

Production of Butter — Production du beurre		Production of Cheese — Production du fromage		Milk sold — Lait vendu		Cream sold — Crème vendue		Other Products Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
lb.–liv.	$	lb.–liv.	$	gal.	$	lb. of butter fat. — liv. de butyrine	$	$	$	
11,039,583	**6,043,870**	**25,330,997**	**6,737,776**	**4,988,185**	**2,485,796**	**982,184**	**757,136**	**848,160**	**16,872,738**	
83,939	**44,494**	**795,132**	**208,067**	–	–	–	–	**399**	**252,860**	
533	346	35,304	9,029	–	–	–	–	–	9,375	1
13,174	6,994	86,355	22,176	–	–	–	–	–	29,170	2
70,232	37,154	673,473	176,862	–	–	–	–	299	214,315	3
7,001,166	**3,899,974**	**20,105,841**	**5,303,776**	–	–	–	–	–	**9,203,750**	
229,596	129,834	2,149,846	564,115	–	–	–	–	–	693,949	4
249,451	141,186	331,011	90,373	–	–	–	–	–	231,559	5
304,048	165,017	246,939	67,363	–	–	–	–	–	232,380	6
35,955	20,364	597,944	156,509	–	–	–	–	–	176,873	7
117,250	68,274	786,424	210,554	–	–	–	–	–	278,828	8
10,509	6,003	41,501	10,782	–	–	–	–	–	16,785	9
457,295	256,484	914,842	247,172	–	–	–	–	–	503,656	10
215,141	118,343	121,879	31,558	–	–	–	–	–	149,901	11
5,200	3,022	228,320	60,071	–	–	–	–	–	63,093	12
30,845	17,101	196,459	51,674	–	–	–	–	–	68,775	13
125,796	69,891	58,730	14,682	–	–	–	–	–	84,573	14
44,703	24,610	10,525	2,505	–	–	–	–	–	27,115	15
614,516	332,769	739,269	197,651	–	–	–	–	–	530,420	16
172,374	94,185	70,161	17,833	–	–	–	–	–	112,018	17
218,913	124,994	754,879	200,642	–	–	–	–	–	325,636	18
33,085	17,738	72,824	19,634	–	–	–	–	–	37,372	19
61,809	33,529	50,829	13,232	–	–	–	–	–	46,761	20
292,452	163,517	461,640	123,100	–	–	–	–	–	286,617	21
69,602	38,352	162,083	42,728	–	–	–	–	–	81,080	22
112,864	70,932	1,588,201	422,227	–	–	–	–	–	493,159	23
2,871	1,470	–	–	–	–	–	–	–	1,470	24
313,938	169,584	400,209	104,770	–	–	–	–	–	274,354	25
106,251	57,703	70,512	18,333	–	–	–	–	–	76,036	26
156,825	83,484	224,314	56,028	–	–	–	–	–	139,512	27
5,743	3,632	27,985	7,733	–	–	–	–	–	11,365	28
1,247,172	697,936	2,369,936	618,610	–	–	–	–	–	1,316,546	29
312,639	175,890	505,188	132,448	–	–	–	–	–	308,338	30
251,820	142,316	639,159	168,432	–	–	–	–	–	310,748	31
20,939	11,538	391,222	102,947	–	–	–	–	–	114,485	32
179,570	101,363	243,483	63,377	–	–	–	–	–	164,740	33
209,253	116,245	140,391	37,450	–	–	–	–	–	153,695	34
72,958	41,185	103,564	26,831	–	–	–	–	–	68,016	35
286,906	161,881	2,055,277	534,223	–	–	–	–	–	696,104	36
29,154	15,608	12,481	3,350	–	–	–	–	–	18,958	37
4,860	2,399	13,163	3,237	–	–	–	–	–	5,636	38
25,240	13,669	–	–	–	–	–	–	–	13,669	39
15,342	8,642	124,337	33,103	–	–	–	–	–	41,745	40
18,814	11,649	283,630	73,052	–	–	–	–	–	84,701	41
115,604	60,604	500,069	134,271	–	–	–	–	–	194,875	42
223,863	127,031	2,416,615	641,176	–	–	–	–	–	768,207	43
881,255	**492,351**	**4,200,092**	**1,156,470**	**4,325,721**	**2,187,485**	**539,333**	**488,393**	**639,980**	**4,964,679**	
7,275	3,687	100,325	26,444	–	–	2	1	–	30,132	44
790	395	132,415	36,044	–	–	–	–	1,406	37,845	45
5,492	3,013	404,753	110,186	17,761	4,483	–	–	4,800	122,482	46
132	86	89,430	25,078	18,910	5,310	1,353	1,015	–	31,489	47
128,890	72,661	3,625	942	210	105	–	–	768	74,476	48
12,492	7,295	156,757	42,677	–	–	–	–	–	49,972	49
9,610	5,000	142,461	39,240	–	–	–	–	33	44,273	50
29,357	15,874	163,094	44,147	–	–	–	–	2,413	62,434	51
190	95	136,576	37,522	–	–	–	–	1,648	39,265	52
31,268	16,764	65,954	17,166	–	–	–	–	50	33,980	53
27,440	15,124	154,421	42,484	–	–	–	–	163	57,771	54
216,933	122,251	989,371	276,375	225,387	67,076	1,903	986	9,982	476,670	55
223,479	121,300	965,285	265,574	–	–	–	–	7,324	394,198	56
22,066	11,944	235,668	64,737	113,962	26,719	1,928	1,118	1,790	106,308	57
6,459	4,198	314,120	87,953	–	–	–	–	5,063	97,214	58
52,293	28,411	143,246	38,864	–	–	–	–	933	68 208	59
107,089	64,253	2,591	1,037	3,949,491	2,083,792	534,147	485,273	633 557	3 237 332	

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

	Province and County or District / — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux fabriques	Cream delivered at factory — Crème livrée aux fabriques	Amount paid to Patrons for — Sommes payées aux fournisseurs pour		Cost of Supplies and Containers — Coût des approvisionnements et récipients
							Milk — Lait	Cream — Crème	
		no.	no.	no.	lb.-liv.	lb. of butter fat — livre de butyrine	$	$	$
	Alberta	**5**	**7,807**	**28,195**	**11,853,138**	**2,939,589**	**350,698**	**1,455,712**	**65,345**
1	Edmonton	2	7,290	25,000	10,301,026	2,684,058	313,775	1,329,395	56,585
2	Red Deer	2	267	2,195	1,086,662	177,404	26,452	88,817	7,195
3	Strathcona	1	250	1,000	465,450	78,127	10,471	37,500	1,565
	British Columbia— Colombie Britannique	**1**	**40**	**200**	**145 000**	**18,200**	**3,625**	**10,920**	**405**
4	Kootenay (West)	1	40	200	145,000	18,200	3,625	10,920	405

D. Condensed Milk Factories—Fabriques de lait condensé

	CANADA	**24**	**6,000**	**87,377**	**292,344,007**	**250,079**	**7,727,691**	**166,244**	**4,323,815**[1]
1	Prince Edward Island—Ile du Pr.-Edward	1							
2	Nova Scotia—Nouvelle-Ecosse	2	4	732	6,800	19,149,244	69,193	489,111	43,585	279,492[1]
3	Québec	1							
4	Ontario		17	4,836	76,447	255,877,113	180,886	6,688,151	122,659	3,714,613
5	British Columbia— Colombie Britannique		3	432	4,130	17,317,650	–	550,429	–	329,710

[1]Quebec not included.—Québec non inclus.

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IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

Production of Butter — Production du beurre		Production of Cheese — Production du fromage		Milk sold — Lait vendu		Cream sold — Crème vendue		Other Products Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
lb.-liv.	$	lb.-liv.	$	gal.	$	lb. of butter fat. — liv. de butyrine	$	$	$	
3,051,753	**1,593,740**	**214,932**	**64,963**	**662,464**	**298,311**	**441,951**	**268,023**	**207,881**	**2,432,918**	
2,750,505	1,436,520	69,437	21,972	656,428	296,283	441,203	267,399	197,239	2,219,413	1
204,406	107,831	98,950	29,028	6,036	2,028	748	624	10,466	149,977	2
96,842	49,389	46,545	13,963	–	–	–	–	176	63,528	3
21,470	**13,311**	**15,000**	**4,500**	**–**	**–**	**900**	**720**	**–**	**18,531**	
21,470	13,311	15,000	4,500	–	–	900	720	–	18,531	4

D. Condensed Milk Factories—Fabriques de lait condensé.

Production of Condensed Milk — Production du lait condensé		Production of Evaporated Milk — Production du lait évaporé								
60,607,879	**9,132,295**	**16,107,934**	**1,789,089**	**1,188,201**	**342,037**	**1,906,824**	**1,312,495**	[1]**3,304,117**	**15,880,033**	
6,680,534	1,071,236	–	–	44,024	18,338	74,077	58,687	194,578	1,342,839	2
53,927,345	8,061,059	11,894,014	1,279,165	1,144,177	323,699	1,571,459	1,065,191	2,257,459	12,986,573	4
–	–	4,213,920	509,924	–	–	261,288	188,617	852,080	1,550,621	

[1]Included with the products of condensed milk factories are 1,179,610 lb. of butter valued at $648,537 made in Prince Edward Island, Nova Scotia and Ontario, and 73,218 lb. of cheese valued at $19,991 made in Ontario.

[1]Les produits des fabriques de lait condensé comprenant 1,179,610 liv. de beurre valant $648,537, fabriquées dans l'Ile du Prince Edouard, Nouvelle-Ecosse et Ontario, plus 73,218 liv. de fromage valant $19,991 fabriquées dans Ontario.

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

E. All Factories—Toutes fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux fabriques	Cream delivered at factory — Crème livrée aux fabriques	Amount paid to Patrons for — Sommes payées aux fournis- pour		Cost of Supplies and Containers — Coût des approvisionnements et récipients
							Milk — Lait	Cream — Crème	
		no.	no.	no.	lb.–liv.	lb. of butter fat — livre de butyrine	$	$	$
	CANADA	**3,282**	**275,060**	**1,648,442**	**2,821,149,557**	**71,351,336**	**66,970,615**	**40,441,897**	**6,517,180**[1]
	Prince Edward Island — Ile du Prince-Edouard	**38**	**4,129**	**17,117**	**27,674,904**	**763,659**	**582,014**	**447,263**	**47,179**
1	Kings	8	320	872	1,991,684	3,512	40,155	1,726	1,853
2	Prince	13	1,566	7,385	12,517,362	305,183	259,852	180,615	12,315
3	Queens	17	2,243	8,860	13,165,858	454,964	282,007	264,922	33,011
	Nova Scotia — Nouvelle-Ecosse	**25**	**5,263**	**23,180**	**9,247,699**	**1,929,561**	**254,073**	**1,146,935**	**279,875**
4	Annapolis	1	110	440	–	44,000	–	23,320	400
5	Antigonish	4	792	3,710	51,267	229,842	1,362	128,283	2,633
6	Colchester	5	560	4,570	8,291,150	224,870	229,499	134,965	262,729
7	Cumberland	3	370	1,570	504,923	124,440	11,283	75,764	4,386
8	Digby	2	155	400	320,164	12,822	8,946	7,052	275
9	Halifax	1	161	950	–	110,410	–	65,518	1,141
10	Hants	1	165	700	–	80,000	–	50,000	500
11	Inverness	1	219	750	–	44,148	–	23,762	688
12	Kings	2	365	1,340	–	152,000	–	89,400	1,050
13	Lunenburg	1	852	1,800	–	188,691	–	108,741	1,367
14	Pictou	2	959	4,600	80,195	478,819	2,983	298,441	3,052
15	Victoria	1	155	750	–	51,362	–	28,013	364
16	Yarmouth	1	400	1,600	–	188,157	–	113,676	1,290
	New Brunswick — Nouveau-Brunswick	**41**	**2,191**	**15,180**	**16,256,902**	**809,466**	**423,932**	**473,875**	**29,395**
17	Albert	1	13	80	–	9,094	–	4,939	74
18	Carleton	1	110	500	–	28,007	–	14,003	750
19	Gloucester	1	20	190	231,387	–	5,170	–	190
20	Kent	1	20	110	–	12,285	–	6,272	150
21	Kings	20	689	6,674	10,763,324	161,934	266,196	101,500	12,544
22	Madawaska	7	450	1,376	637,065	84,954	14,452	48,487	2,005
23	St. John	4	195	2,400	3,077,700	159,322	101,330	85,815	6,745
24	Westmorland	6	694	3,850	1,547,426	353,870	36,784	213,059	6,937
	Québec	**1,868**	**79,015**	**564,654**	**1,085,775,100**	**13,530,114**	**24,898,882**	**8,408,975**	–
25	Argenteuil	35	693	7,473	18,724,381	–	405,684	–	–
26	Arthabaska	73	2,324	18,564	50,013,676	5,426	1,176,479	3,774	–
27	Bagot	36	2,043	13,150	25,940,179	406,303	607,100	262,684	–
28	Beauce	101	3,453	22,972	47,211,774	83,859	1,077,630	50,006	–
29	Beauharnois	19	890	5,480	11,252,081	169,164	248,473	120,831	–
30	Bellechasse	18	1,128	6,178	13,272,917	–	308,375	–	–
31	Berthier	37	1,507	8,862	17,270,720	430,881	402,270	194,346	–
32	Bonaventure	13	795	3,396	6,536,997	–	146,217	–	–
33	Brome	16	1,321	15,415	2,100,039	1,399,378	54,570	944,483	–
34	Chambly	5	130	731	1,800,356	–	40,842	–	–
35	Champlain	53	2,083	12,946	32,272,263	–	757,052	–	–
36	Charlevoix	30	703	4,420	6,611,930	–	148,262	–	–
37	Châteauguay	18	1,102	9,725	13,786,871	278,385	302,281	179,521	–
38	Chicoutimi	50	799	9,281	22,263,562	–	489,901	–	–
39	Compton	20	1,482	12,446	3,019,701	942,829	66,957	579,482	–
40	Deux-Montagnes	21	1,005	6,794	17,138,089	8,288	373,909	5,527	–
41	Dorchester	54	2,308	14,418	30,471,724	–	688,622	–	–
42	Drummond	43	1,689	14,165	20,211,207	396,713	469,290	241,245	–
43	Frontenac	46	2,126	13,015	18,307,266	278,463	424,576	181,949	–
44	Gaspé	2	170	985	1,669,292	–	38,261	–	–
45	Hull	22	652	4,745	8,250,139	60,672	180,921	33,991	–
46	Huntingdon	26	1,459	13,992	33,842,219	230,423	770,633	152,016	–
47	Iberville	12	848	5,747	6,225,609	311,884	139,933	195,939	–
48	Jacques-Cartier	1	37	150	413,000	–	8,000	–	–
49	Joliette	43	1,766	10,168	20,584,437	337,834	449,503	186,958	–
50	Kamouraska	24	1,635	9,096	23,831,102	–	580,396	–	–
51	Labelle	68	2,221	15,720	27,050,382	150,090	617,315	94,977	–
52	Lac St-Jean	97	2,454	25,131	61,998,994	–	1,428,543	–	–
53	Laprairie	2	245	1,550	3,135,936	21,678	71,123	14,421	–
54	L'Assomption	21	989	5,340	14,004,606	25,277	348,919	17,292	–
55	Laval	2	56	135	601,003	–	14,565	–	–
56	Lévis	8	378	2,050	3,895,214	16,234	92,546	9,761	–
57	L'Islet	19	932	5,348	11,036,451	–	233,832	–	–
58	Lotbinière	37	2,194	12,478	32,916,467	33,434	730,309	19,485	–

[1]Quebec not included.—Québec non inclus.

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IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

E. All Factories—Toutes fabriques.

Production of Butter — Production du beurre		Production of Cheese — Production du fromage		Milk sold — Lait vendu		Cream sold — Crème vendue		Other Products, Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
lb.-liv.	$	lb.-liv.	$	gal.	$	lb. of butter fat. — liv. de butyrine	$	$	$	
103,890,707	**56,371,985**	**166,421,871**	**44,586,168**	**23,017,800**	**10,662,526**	**6,505,394**	**4,826,226**	**18,749,697**	**135,196,602**	
905,752	**485,880**	**2,472,563**	**640,569**	**36,500**	**14,600**	**12,045**	**9,855**	**33,259**	**1,184,163**	
4,747	2,667	188,802	48,225	–	–	–	–	–	50,892	1
362,325	196,190	1,166,190	301,067	–	–	–	–	754	498,011	2
538,680	287,023	1,117,571	291,277	36,500	14,600	12,045	9,855	32,505	635,260	3
2,107,429	**1,186,322**	**47,360**	**12,952**	**24,804**	**10,349**	**179,526**	**132,305**	**632,341**	**1,974,269**	
47,000	26,320	–	–	–	–	–	–	–	26,320	4
232,401	129,844	–	–	2,280	684	21,245	17,644	1,457	149,629	5
171,612	107,020	–	–	22,524	9,665	141,890	103,265	570,526	790,476	6
115,968	66,316	47,360	12,952	–	–	1,100	739	33,875	113,882	7
33,386	17,578	–	–	–	–	994	599	–	18,177	8
135,172	77,300	–	–	–	–	–	–	521	77,821	9
101,000	55,000	–	–	–	–	–	–	400	55,400	10
52,977	29,043	–	–	–	–	2	1	122	29,166	11
175,000	96,250	–	–	–	–	3,000	3,000	640	99,890	12
199,195	111,410	–	–	–	–	757	727	17,592	129,729	13
569,220	316,959	–	–	–	–	3,740	2,271	6,039	325,269	14
59,443	32,956	–	–	–	–	208	104	192	33,252	15
215,055	120,326	–	–	–	–	6,590	3,955	977	125,258	16
910,504	**503,714**	**1,252,849**	**349,794**	**266,906**	**133,113**	**43,252**	**11,513**	**139,122**	**1,167,256**	
10,021	5,411	–	–	–	–	–	–	–	5,411	17
29,500	15,045	–	–	–	–	–	–	5,441	20,486	18
–	–	20,740	5,794	–	–	–	–	–	5,794	19
14,744	7,667	–	–	–	–	–	–	–	7,667	20
202,443	111,947	1,031,161	286,980	2,000	1,160	3,176	2,540	34,450	437,077	21
102,314	53,979	56,103	16,995	–	–	–	–	–	70,974	22
125,073	73,490	–	–	264,906	131,953	40,076	38,973	96,131	340,547	23
426,409	236,175	144,845	40,025	–	–	–	–	3,100	279,300	24
37,681,366	**20,857,523**	**58,044,719**	**15,305,488**	–	–	**9,000**	**5,467**	**621,559**	**36,790,037**	
–	–	1,700,800	468,871	–	–	–	–	–	468,871	25
229,596	129,834	4,404,598	1,160,221	–	–	–	–	–	1,290,055	26
1,506,185	834,122	385,632	106,162	–	–	–	–	–	940,284	27
1,057,656	572,963	2,619,604	685,375	–	–	–	–	–	1,258,338	28
261,029	145,606	1,021,504	267,446	–	–	–	–	–	413,052	29
583,469	315,823	97,882	25,457	–	–	–	–	–	341,280	30
832,607	431,468	923,039	242,437	–	–	–	–	–	673,905	31
287,342	155,179	39,647	9,985	–	–	–	–	–	165,164	32
1,153,163	745,122	40,560	10,140	–	–	–	–	–	755,262	33
10,509	6,003	151,727	39,162	–	–	–	–	–	45,165	34
679,794	380,711	1,820,406	490,009	–	–	–	–	–	870,720	35
21,880	12,034	610,825	159,472	–	–	–	–	–	171,506	36
798,021	438,413	334,559	86,527	–	–	–	–	–	524,970	37
10,400	6,402	2,152,003	557,928	–	–	–	–	–	564,330	38
1,136,556	630,202	290,823	76,097	–	–	–	–	–	706,299	39
666,742	370,339	183,184	48,035	–	–	–	–	–	418,374	40
656,907	361,711	1,577,946	404,339	–	–	–	–	–	766,050	41
714,237	386,987	1,457,088	388,058	–	–	–	–	–	775,045	42
705,890	384,788	1,233,002	315,519	–	–	–	–	–	700,307	43
82,119	43,522	–	–	–	–	–	–	–	43,522	44
66,648	37,323	788,207	207,093	–	–	–	–	–	244,416	45
806,802	451,098	1,115,296	295,654	–	–	–	–	–	1,373,778	46
496,662	277,048	314,663	84,357	–	–	–	–	–	361,405	47
–	8,800	–	–	–	–	–	–	–	8,800	48
1,259,363	691,833	170,709	43,020	–	–	–	–	–	734,853	49
522,115	289,819	1,253,095	333,272	–	–	–	–	–	623,091	50
220,097	120,508	2,565,824	683,945	–	–	–	–	–	804,453	51
112,864	70,932	6,097,033	1,621,444	–	–	–	–	–	1,692,376	52
163,854	91,898	–	–	–	–	–	–	–	91,898	53
753,011	383,352	–	–	–	–	–	–	–	383,352	54
26,700	15,045	–	–	–	–	–	–	–	15,045	55
131,917	71,594	147,108	39,078	–	–	–	–	–	110,672	56
434,175	236,165	133,231	34,215	–	–	–	–	–	270,380	57
1,429,928	786,348	221,128	61,563	–	–	–	–	–	847,911	58

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

E. All Factories—Toutes fabriques

	Province and County or District — Provinces, et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux fabriques	Cream delivered at factory — Crème livrée aux fabriques	Amount paid to Patrons for — Sommes payées aux fournisseurs pour		Cost of Supplies and Containers — Coût des approvisionnements et récipients
							Milk — Lait	Cream — Crème	
		no.	no.	no.	lb.-liv.	lb. of butter fat — livre de butyrine	$	$	$
	Québec—concluded—fin.								
1	Maskinongé	38	1,285	7,648	17,416,442	77,177	376,096	47,931	–
2	Matane	35	1,774	10,651	21,912,765	–	504,208	–	–
3	Mégantic	54	1,773	12,864	21,666,459	324,720	481,117	186,217	–
4	Missisquoi	17	1,246	15,225	7,236,259	1,358,121	188,142	737,737	–
5	Montcalm	22	1,135	6,296	15,971,399	14,989	365,197	8,058	–
6	Montmagny	17	897	5,664	11,977,798	–	267,507	–	–
7	Montmorency	14	667	4,007	7,875,611	–	184,591	–	–
8	Montréal	3	–	–	–	684,396	–	486,518	–
9	Napierville	3	367	1,809	1,919,793	35,620	44,020	21,273	–
10	Nicolet	83	3,232	23,174	65,739,385	35,035	1,545,009	26,057	–
11	Pontiac	5	495	2,840	840,773	206,710	18,696	122,839	–
12	Portneuf	46	1,748	10,482	31,047,358	–	696,766	–	–
13	Richelieu	25	1,074	7,265	16,923,541	186,100	396,872	116,635	–
14	Richmond	37	1,317	9,830	17,147,446	312,585	391,748	173,034	–
15	Rimouski	22	1,169	7,175	17,771,250	–	409,386	–	–
16	Rouville	28	1,470	10,076	19,947,240	483,423	456,010	329,134	–
17	Saguenay	8	129	972	2,137,897	–	46,457	–	–
18	Shefford	38	2,124	22,154	5,076,212	2,277,562	112,957	1,535,717	–
19	Sherbrooke	3	135	1,082	730,473	56,121	16,824	35,514	–
20	Soulanges	11	590	3,054	8,769,728	13,631	201,094	9,807	–
21	Stanstead	15	1,570	18,808	–	1,105,074	–	660,091	–
22	St-Hyacinthe	27	1,229	9,094	28,894,293	–	656,974	–	–
23	St-Jean	6	389	2,344	1,992,933	79,317	43,104	44,429	–
24	St-Maurice	23	804	3,716	10,919,090	37,616	245,067	13,635	–
25	Témiscamingue	13	587	3,295	7,808,492	47,393	162,829	27,411	–
26	Témiscouata	35	2,265	13,218	34,115,626	–	822,059	–	–
27	Terrebonne	22	1,005	4,953	5,814,056	282,520	134,102	170,237	–
28	Vaudreuil	18	606	3,976	11,569,511	4,433	268,838	2,780	–
29	Verchères	13	757	4,332	12,423,140	54,467	280,417	35,005	–
30	Wolfe	52	1,640	13,365	24,471,782	256,620	560,415	123,049	–
31	Yamaska	63	1,919	13,228	47,997,764	9,299	1,129,081	6,279	–
	Ontario	**1,121**	**99,771**	**747,247**	**1,567,046,011**	**29,034,033**	**37,131,488**	**16,656,297**	**5,215,912**
32	Algoma	6	199	1,011	1,940,905	3,408	41,266	1,704	1,810
33	Brant	6	1,522	12,000	20,034,043	728,973	502,842	436,752	130,361
34	Bruce	13	3,931	18,797	4,254,637	1,832,044	88,112	1,026,235	13,452
35	Carleton	52	3,431	32,196	86,206,692	1,095,952	2,310,915	665,576	56,156
36	Dufferin	5	2,415	6,400	790,751	725,651	16,519	401,141	7,591
37	Dundas	54	2,196	29,685	111,280,273	–	2,642,627	–	998,618
38	Durham	3	420	1,939	691,939	125,865	15,406	70,001	1,633
39	Elgin	22	2,461	21,235	57,589,933	440,008	1,384,306	246,127	410,420
40	Essex	4	530	1,637	2,053,280	91,778	64,243	48,189	4,074
41	Frontenac	67	2,171	24,261	74,669,392	105,130	1,671,766	66,693	54,369
42	Glengarry	68	2,104	21,687	66,389,687	–	1,515,401	–	50,214
43	Grenville	40	1,756	16,041	47,524,861	91,913	1,038,429	58,824	36,617
44	Grey	8	2,842	13,435	–	1,199,339	–	665,125	12,326
45	Haldimand	10	2,683	14,710	3,041,684	1,559,245	72,741	912,178	19,636
46	Halton	3	615	3,790	–	465,290	–	294,063	1,326
47	Hastings	77	4,246	36,204	96,558,625	895,986	2,098,163	489,833	69,967
48	Huron	15	5,071	21,420	4,204,624	1,998,517	87,759	1,125,398	28,082
49	Kent	6	1,061	2,330	62,248	231,866	1,508	115,383	2,770
50	Lambton	10	2,464	13,610	6,617,459	979,436	161,678	537,282	22,468
51	Lanark	42	1,981	16,339	38,870,865	187,539	847,742	112,329	29,146
52	Leeds	88	4,091	42,152	138,379,856	246,540	3,325,911	159,143	772,363
53	Lennox & Addington	33	2,526	19,492	64,258,700	125,705	1,405,536	71,006	44,639
54	Lincoln	5	777	5,365	2,161,235	468,591	60,864	269,972	3,115
55	Middlesex	30	4,737	33,664	62,912,228	1,978,954	1,505,989	1,115,783	106,758
56	Nipissing	19	883	4,410	5,642,717	194,787	126,778	117,994	7,204
57	Norfolk	14	2,168	9,604	11,176,998	769,559	227,933	445,430	14,034
58	Northumberland	39	2,792	18,199	46,911,730	474,252	974,104	258,907	36,514
59	Ontario	6	1,565	12,300	–	782,760	–	423,382	6,138
60	Oxford	34	3,742	61,865	200,570,966	251,899	4,904,788	154,126	1,600,428
61	Parry Sound	1	145	800	–	55,069	–	29,909	950
62	Perth	30	3,938	28,218	46,162,031	1,253,844	1,049,364	740,087	44,612
63	Peterborough	33	1,734	12,480	32,075,987	183,341	687,642	107,595	146,193
64	Prescott	69	2,049	19,442	62,225,956	–	1,436,242	–	47,136
65	Prince Edward	23	1,792	15,515	48,146,068	91,092	1,051,735	47,985	40,329
66	Rainy River	1	102	300	–	26,140	–	14,618	240
	Renfrew	21	1,788	10,465	8,819,696	524,169	189,724	303,574	12,275

IV. Quantities and Values of Materials Used and Products Obtained, 1919—con.

IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—suite

E. All Factories—Toutes fabriques.

Production of Butter — Production du beurre		Production of Cheese — Production du fromage		Milk sold — Lait vendu		Cream sold — Crème vendue		Other Products Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
lb.-liv.	$	lb.-liv.	$	gal.	$	lb. of butter fat. — liv. de butyrine	$	$	$	
662,253	362,955	561,223	146,920	–	–	–	–	–	509,875	1
768,257	407,269	609,440	156,148	–	–	–	–	–	563,417	2
458,707	244,967	1,888,006	495,140	–	–	–	–	–	740,107	3
1,416,163	798,256	–	–	–	–	–	–	–	798,256	4
615,678	338,816	262,079	71,213	–	–	–	–	–	410,029	5
461,832	252,504	184,907	48,849	–	–	–	–	–	301,353	6
332,319	183,449	74,292	19,181	–	–	–	–	–	202,630	7
901,483	523,364	–	–	–	–	–	–	–	523,364	8
126,987	70,708	–	–	–	–	–	–	–	70 708	9
1,498,509	837,068	3,409,451	895,377	–	–	–	–	–	1,732,445	10
258,078	141,022	80,293	21,181	–	–	–	–	–	162,203	11
1,097,372	615,089	778,315	204,627	–	–	–	–	–	819,716	12
587,250	328,064	878,801	231,979	–	–	–	–	–	560,043	13
344,844	187,745	1,650,349	434,613	–	–	–	–	–	622,358	14
353,534	191,122	1,020,753	263,885	–	–	–	–	–	455,007	15
752,331	416,757	1,636,615	429,514	–	–	–	–	–	846,271	16
–	–	217,778	57,349	–	–	–	–	–	57,349	17
3,131,575	1,713,496	140,391	37,450	–	–	–	–	–	1,750,946	18
68,391	38,329	71,731	18,889	–	–	–	–	–	57,218	19
328,709	183,727	178,243	46,400	–	–	–	–	–	230,127	20
1,260,653	698,416	–	–	–	–	–	–	–	698,416	21
320,946	180,724	2,099,638	545,424	–	–	–	–	–	726,148	22
161,112	89,835	32,325	8,737	–	–	–	–	–	98,572	23
499,272	278,029	97,403	26,090	–	–	–	–	–	304,119	24
301,101	159,802	223,000	56,561	–	–	–	–	–	216,363	25
1,557,449	839,804	191,462	49,857	–	–	–	–	–	889,661	26
540,049	305,279	133,895	35,690	–	–	–	–	–	340,969	27
133,304	74,157	839,219	224,657	–	–	–	–	–	298,814	28
437,758	247,100	367,151	94,639	–	–	–	–	–	341,739	29
251,128	132,849	2,353,675	622,930	–	–	–	–	–	755,779	30
236,084	133,799	4,213,161	1,117,307	–	–	–	–	–	1,251,106	31
33,903,562	**18,340,951**	**103,320,041**	**27,920,477**	**16,171,203**	**7,219,153**	**3,353,234**	**2,454,015**	**13,962,923**	**69,897,519**	
7,275	3,687	177,474	46,747	–	–	2	1	–	50,435	32
1,171,547	647,179	–	–	10,912	4,688	247,281	180,947	632,384	1,465,198	33
2,193,200	1,171,970	374,531	102,073	–	–	–	–	4,221	1,278,264	34
935,367	533,872	4,375,411	1,175,407	3,060,174	1,416,755	451,889	309,433	544,822	3,980,289	35
887,112	446,342	71,794	19,288	–	–	–	–	1,437	467,067	36
17,953	10,476	7,183,964	1,907,994	71,948	21,159	37,362	28,218	1,995,905	3,963,752	37
150,269	81,759	65,125	18,694	–	–	–	–	922	101,375	38
486,432	255,730	2,306,782	630,043	338,509	96,498	2,969	2,233	1,290,907	2,275,411	39
86,700	46,740	–	–	150,000	84,600	17,850	12,500	17,830	161,670	40
128,890	72,661	6,732,719	1,810,720	210	105	–	–	32,084	1,915,570	41
12,492	7,295	6,109,434	1,647,278	–	–	–	–	15,003	1,669,576	42
159,644	89,400	4,102,584	1,103,333	11,434	3,430	–	–	16,902	1,213,065	43
1,456,240	769,041	–	–	–	–	1,815	1,270	3,211	773,522	44
1,862,231	1,043,657	142,461	39,240	138,813	51,499	–	–	14,184	1,148,580	45
564,752	322,498	–	–	–	–	–	–	76	322,574	46
891,048	479,584	8,558,232	2,332,879	4,695	1,126	–	–	192,801	3,006,390	47
2,349,569	1,262,561	363,279	104,120	–	–	–	–	11,245	1,377,926	48
274,383	143,735	–	–	1,908	876	7,732	4,466	6,405	155,482	49
1,160,222	628,988	317,685	88,852	267,716	108,003	15,753	9,349	56,657	891,849	50
207,482	121,655	3,392,017	911,502	67,535	32,416	15,635	9,381	36,784	1,111,738	51
304,386	172,592	10,139,079	2,748,249	144,990	41,847	12,272	8,904	1,695,861	4,667,453	52
156,637	84,584	5,841,826	1,581,548	–	–	–	–	35,141	1,701,273	53
533,130	306,354	35,454	9,875	177,010	76,685	23,500	14,250	2,335	409 499	54
2,691,566	1,415,218	3,179,576	855,692	259,163	93,032	146,110	109,583	768,037	3,241,562	55
241,510	134,223	555,443	143,828	–	–	–	–	792	278,843	56
953,225	516,636	654,229	176,808	–	–	115,505	73,289	22,217	788,950	57
552,241	298,272	3,919,558	1,056,447	154,600	51,904	16,445	10,525	34,866	1,452,014	58
916,670	495,686	–	–	–	–	–	–	1,018	496,704	59
545,340	302,324	5,487,846	1,487,513	2,151,208	613,754	1,072,343	701,171	5,052,827	8,157,589	60
66,572	35,283	–	–	–	–	–	–	808	36,091	61
1,503,526	811,274	3,654,691	1,013,764	480,130	167,375	11,186	7,889	52,773	2,053,075	62
251,768	142,474	2,170,040	584,289	227,415	83,446	8,178	4,868	318,070	1,133,147	63
–	–	5,888,737	1,567,864	–	–	–	–	10,644	1,578,508	64
59,879	33,119	4,011,327	1,107,232	–	–	28,996	16,730	148,564	1,305,645	65
28,952	13,960	–	–	–	–	–	–	3,169	17,129	66
633,431	339,617	825,499	216,425	–	–	213	426	13,173	569,641	67

IV. Quantities and Values of Materials Used and Products Obtained, 1919—concluded.
IV. Quantités et valeur des matières premières employées et des produits fabriqués en 1919—fin.

E. All Factories—Toutes fabriques

	Province and County or District — Provinces, et comtés ou districts	Establishments — Etablissements	Patrons — Fournisseurs	Cows — Vaches	Milk delivered at factory — Lait livré aux fabriques	Cream delivered at factory — Crème livrée aux fabriques	Amount paid to Patrons for — Sommes payées aux fournisseurs pour		Cost of Supplies and Containers — Coût des approvisionnements et récipients
							Milk — Lait	Cream — Crème	
		no.	no.	no.	lb.-liv.	lb. of butter fat — livre de butyrine	$	$	$
	Ontario—concluded—fin.								
1	Russell	59	1,915	17,539	55,579,137	–	1,285,290	–	45,153
2	Simcoe	7	1,851	7,170	160,875	772,649	4,510	438,053	9,319
3	Stormont	48	2,273	24,303	72,096,272	193,701	1,681,048	105,294	53,196
4	Haliburton 1	14	3,319	14,300	6,176,839	985,640	134,468	551,480	15,173
5	Victoria 13								
6	Waterloo	10	2,119	12,405	6,583,475	1,125,406	146,792	610,698	18,039
7	Welland	4	630	3,500	1,657,955	253,423	35,266	146,866	8,933
8	Wellington	8	2,510	17,045	2,078,334	1,781,495	44,104	1,014,650	43,535
9	Wentworth	4	582	7,150	12,040,989	302,037	389,887	160,771	28,394
10	York	10	5,644	40,837	58,446,069	3,435,04	1,902,090	2,096,141	160,206
	Manitoba	**56**	**29,677**	**84,112**	**30,248,804**	**7,395,323**	**951,715**	**3,963,639**	**237,560**
11	Brandon	6	7,700	16,348	373,864	1,699,469	9,751	893,957	75,827
12	Dauphin	5	2,650	5,900	–	559,795	–	273,728	8,090
13	Lisgar	3	1,047	1,647	280,000	159,313	6,000	81,971	1,499
14	Macdonald	2	430	1,000	–	120,018	–	57,390	1,161
15	Marquette	6	3,140	11,130	–	1,021,977	–	543,450	22,815
16	Neepawa	2	500	2,000	–	192,000	–	103,500	2,250
17	Nelson	1	225	600	–	53,798	–	25,379	852
18	Provencher	8	188	1,129	3,007,090	8,858	66,922	4,643	2,326
19	Selkirk	7	1,556	7,680	472,890	798,778	13,241	420,148	14,518
20	Souris	5	1,970	6,272	–	537,484	–	289,843	8,763
21	Springfield	5	371	2,930	1,169,714	244,643	24,864	147,049	3,689
22	Winnipeg	6	9,900	27,476	24,945,246	1,999,190	830,937	1,122,581	95,770
	Saskatchewan	**43**	**26,319**	**67,335**	**13,129,544**	**5,801,486**	**462,541**	**2,920,885**	**149,884**
23	Assiniboia	5	3,073	11,780	124,681	599,705	3,740	300,718	6,786
24	Battleford	4	1,893	4,600	–	435,587	–	212,519	6,290
25	Humboldt	7	3,462	8,340	–	870,582	–	436,442	13,409
26	Kindersley	2	1,297	2,620	–	276,585	–	133,510	2,842
27	Mackenzie	4	3,129	9,500	8,090	701,999	248	330,804	15,375
28	Moose Jaw	2	2,140	6,800	922,610	724,198	23,065	393,876	19,748
29	North Battleford	3	1,228	2,100	–	240,038	–	118,662	2,738
30	Prince Albert	7	2,738	6,705	1,355,405	656,226	41,596	337,697	15,858
31	Qu'Appelle	1	421	600	–	59,682	–	29,224	675
32	Regina	1	1,606	6,500	5,321,144	471,402	190,741	240,065	20,420
33	Saltcoats	3	2,025	3,300	–	359,075	–	189,396	2,906
34	Saskatoon	3	2,190	3,190	5,397,614	256,148	203,151	139,839	40,487
35	Swift Current	1	1,117	1,300	–	150,259	–	78,133	2,350
	Alberta	**58**	**25,453**	**96,923**	**23,858,012**	**10,407,922**	**685,979**	**5,335,956**	**196,379**
36	Battle River	4	1,558	7,532	–	711,523	–	354,017	9,200
37	Bow River	4	261	1,082	96,300	199,315	2,889	107,026	5,063
38	Calgary	8	4,008	18,194	7,135,330	1,930,614	191,855	1,039,598	36,538
39	Edmonton	9	13,294	42,020	10,390,056	4,646,511	315,578	2,356,521	85,257
40	Lethbridge	5	913	2,310	1,364,897	325,718	47,811	170,732	13,024
41	Macleod	1	50	350	–	18,435	–	9,824	176
42	Medicine Hat	1	300	1,260	877,717	71,897	33,137	38,121	416
43	Red Deer	17	3,071	14,375	3,077,451	1,368,824	74,095	687,141	31,692
44	Strathcona	3	390	1,500	916,261	113,127	20,614	56,750	2,609
45	Victoria	6	1,608	8,300	–	1,021,958	–	516,226	12,404
	British Columbia— Colombie Britannique	**32**	**3,242**	**32,694**	**47,912,581**	**1,679,742**	**1,580,021**	**1,088,972**	**360,996**
46	Cariboo	3	298	1,135	–	153,124	–	94,865	1,845
47	Comox-Alberni	2	202	1,800	2,836,834	136,800	78,931	82,081	54,551
48	Kootenay (West)	2	222	800	211,000	77,738	6,485	43,555	2,880
49	Nanaimo	3	306	1,600	–	217,741	–	151,173	2,220
50	New Westminster	4	239	1,975	8,522,816	95,638	301,080	70,739	164,570
51	Vancouver	7	898	11,200	18,908,335	650,241	669,882	424,910	5,854
52	Victoria	2	124	1,750	1,592,510	78,757	63,700	60,381	4,005
53	Westminster	5	526	10,330	15,834,719	44,829	459,837	30,077	120,994
54	Yale	4	427	2,104	6,367	224,874	106	131,191	4,077

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IV. Quantities and Values of Materials Used and Products Obtained, 1919—concluded.
IV. Quantité et valeur des matières premières employées et des produits fabriqués en 1919—fin

E. All Factories—Toutes Fabriques

Production of Butter — Production du beurre		Production of Cheese — Production du fromage		Milk sold — Lait vendu		Cream sold — Crème vendue		Other Products, Value — Autres produits, valeur	Total Value of Products — Valeur totale des produits	
Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur	Quantity — Quantité	Value — Valeur			
lb.-liv.	$	lb.-liv.	$	gal.	$	lb. of butter fat. — liv. de butyrine	$	$	$	
–	–	5,276,664	1,407,893	–	–	–	–	7,573	1,415,466	1
940,106	487,754	–	–	16,043	7,388	1,699	1,047	4,857	501,046	2
171,347	95,998	6,020,464	1,635,923	221,789	69,887	150,324	104,268	74,032	1,980,108	3
1,199,268	642,998	576,373	156,141	–	–	–	–	6,184	805,323	5
1,255,751	671,803	543,944	158,451	67,530	33,765	3,923	3,139	25,760	892,918	6
281,860	152,721	123,962	34,464	15,845	5,021	10,780	8,360	35,591	236,157	7
2,170,052	1,162,611	143,246	38,864	–	–	10,165	9,375	33,577	1,244,427	8
194,280	114,168	–	–	1,046,885	543,346	128,250	85,859	76,066	819,439	9
3,249,257	1,772,452	2,591	1,037	7,084,741	3,610,548	815,057	736,534	665,208	6,785,779	10
8,268,342	**4,350,693**	**423,855**	**111,898**	**2,345,547**	**1,237,469**	**1,081,154**	**782,751**	**559,835**	**7,042,646**	
2,014,286	1,080,912	–	–	–	–	–	–	114,092	1,195,004	11
674,460	346,895	–	–	–	–	1,714	1,114	18,402	366,411	12
199,728	97,114	26,759	7,064	–	–	–	–	12	104,190	13
142,102	66,443	–	–	–	–	–	–	230	66,673	14
1,221,151	628,809	–	–	–	–	–	–	18,665	647,474	15
225,110	121,250	–	–	–	–	–	–	18,750	140,000	16
68,237	35,378	–	–	–	–	–	–	285	35,663	17
10,467	5,167	286,542	75,648	–	–	–	–	8	80,823	18
967,002	488,206	–	–	47,289	15,440	–	–	75	503,721	19
639,152	334,631	–	–	–	–	–	–	186	334,817	20
298,345	173,040	110,554	29,186	–	–	–	–	591	202,817	21
1,808,302	972,848	–	–	2,298,258	1,222,029	1,079,440	781,637	388,539	3,365,053	22
6,622,572	**3,495,172**	**35,452**	**11,527**	**1,071,802**	**598,001**	**352,062**	**327,059**	**610,618**	**5,042,377**	
587,577	306,899	–	–	3,000	1,200	99,448	54,550	22,766	385,415	23
505,691	264,634	–	–	–	–	16,590	8,296	362	273,292	24
1,078,231	573,296	–	–	–	–	350	231	798	574,325	25
337,413	179,503	–	–	–	–	301	170	298	179,971	26
815,396	425,338	–	–	–	–	605	431	24,667	450,436	27
780,076	411,879	–	–	92,261	55,356	49,965	34,975	218,170	720,380	28
289,875	155,223	–	–	–	–	1,140	573	253	156,049	29
746,668	395,921	35,452	11,527	75,777	38,495	26,160	21,266	44,387	511,596	30
69,901	37,187	–	–	–	–	1,500	1,022	53	38,262	31
551,893	293,607	–	–	437,500	241,616	85,000	135,078	158,753	829,054	32
404,519	215,203	–	–	–	–	2,652	1,419	303	216,925	33
256,278	131,780	–	–	463,264	261,334	68,351	69,048	139,602	601,764	34
199,054	104,702	–	–	–	–	–	–	206	104,908	35
11,822,890	**6,132,733**	**520,530**	**145,158**	**1,027,636**	**482,369**	**758,241**	**490,210**	**622,071**	**7,872,541**	
862,334	430,837	–	–	–	–	–	–	3,705	434,542	36
226,610	120,775	–	–	8,200	4,100	1,458	898	1,857	127,630	37
2,163,176	1,120,812	116,990	29,248	196,331	83,001	235,472	159,377	259,792	1,652,230	38
5,123,787	2,682,841	76,922	24,141	656,428	296,283	441,203	267,399	211,495	3,482,159	39
369,766	186,384	22,492	6,298	74,856	46,686	17,780	16,694	71,408	327,470	40
20,948	11,386	–	–	–	–	–	–	42	11,428	41
62,211	35,460	–	–	81,325	48,041	20,712	16,610	40,285	140,396	42
1,645,291	847,390	213,870	58,395	10,496	4,258	36,318	25,523	24,401	959,967	43
138,842	70,389	90,256	27,076	–	–	–	–	176	97,641	44
1,209,925	626,459	–	–	–	–	5,298	3,709	8,910	639,078	45
1,668,290	**1,018,997**	**304,502**	**88,305**	**2,073,402**	**967,472**	**716,880**	**583,051**	**1,567,969**	**4,225,794**	
186,615	111,963	–	–	–	–	3,488	2,823	1,309	116,095	46
150,902	96,637	–	–	–	–	35,951	22,621	167,722	286,980	47
82,271	46,752	15,000	4,500	–	–	900	720	20,670	72,642	48
269,140	177,214	–	–	–	–		–	702	177,916	49
67,519	40,655	–	–	78,000	39,000	183,699	135,862	614,374	829,891	50
610,685	370,188	–	–	1,433,706	681,268	269,691	249,706	103,387	1,404,549	51
40,060	28,042	–	–	159,251	79,626	20,000	20,000	39,988	167,656	52
–	–	289,502	83,805	401,945	167,328	202,260	150,650	606,635	1,008,418	53
261,098	147,546	–	–	500	250	891	669	13,182	161,647	54

V. Miscellaneous Statistics of Dairy Factories, 1919.
V. Détails statistiques concernant l'industrie laitière, 1919.

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Établissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Time in Operation: Average Hours Worked — Moyenne des heures de travail: per day — par jour	Time in Operation: Average Hours Worked: per week — par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	Coal: $	Wood — Bois: cords — cordes	Wood: $	Other Fuel — Autre combustible: $
		no.	no.			tons	$	cords	$	$
	CANADA	**1,018**	**239,054**	**10**[1]	**58**[1]	**27,332**	**201,060**	**42,697**	**173,498**	**30,969**
	Prince Edward Island— Ile du Prince-Edouard	**10**	**1,859**	**9**	**52**	**84**	**820**	**257**	**1,237**	**–**
1	Kings	1	143	7	42	–	–	16	76	–
2	Prince	4	758	9	51	9	90	101	467	–
3	Queens	5	958	9	55	75	730	140	694	–
	Nova Scotia— Nouvelle-Écosse	**22**	**6,038**	**9**	**55**	**742**	**5,858**	**476**	**1,961**	**1,258**
4	Annapolis	1	300	6	36	15	135	20	140	–
5	Antigonish	4	892	9	56	112	819	27	129	–
6	Colchester	3	945	8	52	160	1,327	175	326	135
7	Cumberland	2	665	10	65	102	696	4	12	–
8	Digby	2	330	10	60	6	66	26	124	–
9	Halifax	1	213	8	48	59	375	50	100	840
10	Hants	1	313	8	48	–	–	40	175	–
11	Inverness	1	299	9	54	1	4	30	118	–
12	Kings	2	513	9	57	85	675	–	–	80
13	Lunenburg	1	311	10	60	–	–	104	837	–
14	Pictou	2	625	10	57	130	1,092	–	–	160
15	Victoria	1	313	10	60	49	339	–	–	43
16	Yarmouth	1	309	9	54	32	330	–	–	–
	New Brunswick— Nouveau-Brunswick	**17**	**3,764**	**10**	**55**	**317**	**2,692**	**367**	**1,543**	**322**
17	Albert	1	183	9	30	–	–	10	40	22
18	Carleton	1	182	10	60	–	–	50	200	–
19	Kent	1	120	10	60	2	22	6	30	–
20	Kings	4	824	8	45	100	900	30	168	–
21	Madawaska	3	431	10	61	–	–	181	785	–
22	St. John	4	1,304	10	61	215	1,770	5	30	–
23	Westmorland	3	720	10	58	–	–	85	290	300
	Québec	**631**	**138,126**	**–**	**–**	**866**	**7,982**	**31,771**	**121,667**	**3,081**
24	Bagot	27	6,072	–	–	131	1,205	1,132	5,970	–
25	Beauce	21	4,194	–	–	–	–	1,190	4,672	–
26	Beauharnois	1	194	–	–	–	–	–	–	–
27	Bellechasse	15	2,746	–	–	–	–	808	3,062	35
28	Berthier	20	3,192	–	–	–	–	1,230	4,311	29
29	Bonaventure	11	1,995	–	–	–	–	431	1,749	–
30	Brome	15	4,324	–	–	14	126	89	361	1,212
31	Champlain	7	1,692	–	–	–	–	381	1,576	–
32	Charlevoix	1	182	–	–	–	–	40	300	–
33	Châteauguay	10	1,899	–	–	3	37	529	2,660	44
34	Chicoutimi	1	365	–	–	30	300	–	–	–
35	Compton	13	3,122	–	–	–	–	549	2,032	–
36	Deux-Montagnes	15	2,926	–	–	55	453	587	2,711	4
37	Dorchester	9	1,732	–	–	–	–	798	3,461	–
38	Drummond	4	671	–	–	–	–	131	305	73
39	Frontenac	14	2,764	–	–	–	–	759	2,465	–
40	Gaspé	2	330	–	–	–	–	42	243	–
41	Hull	1	170	–	–	–	–	80	200	–
42	Huntingdon	7	1,424	–	–	20	220	572	1,920	–
43	Iberville	7	2,040	–	–	86	827	290	1,311	63
44	Jacques-Cartier	1	177	–	–	–	–	50	213	–

[1] Exclusive of Quebec—À l'exclusion de Québec.

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V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
196	**2,185**	**1,840**	**525**[1]	**4,641**[1]	**4,700**[1]	**398**[1]	**7,978**[1]	**14,108**[1]	**111,804**	**398,979**	**394,436**	**1,872,325**	
9	**93**	**83**	–	–	–	**10**	**127**	**108**	–	**4,607**	**1,647**	**526**	
1	8	8	–	–	–	1	10	10	–	–	–	11	1
3	34	34	–	–	–	4	55	53	–	2,834	38	108	2
5	51	41	–	–	–	5	62	45	–	1,773	1,609	407	3
16	**161**	**139**	**7**	**51**	**44**	**24**	**335**	**277**	**354**	**15,495**	**11,596**	**12,509**	
–	–	–	–	–	–	1	25	15	–	840	–	40	4
4	37	33	–	–	–	4	70	52	334	1,842	808	1,224	5
3	33	26	–	–	–	3	44	38	–	1,434	489	1,000	6
1	6	6	4	31	24	2	18	18	–	1,525	919	2,850	7
1	10	10	–	–	–	2	27	27	20	413	–	129	8
1	12	10	–	–	–	1	20	12	–	3,000	–	331	9
–	–	–	–	–	–	2	28	20	–	1,200	–	87	10
1	8	8	–	–	–	1	10	10	–	1,126	–	210	11
1	15	6	–	–	–	2	15	15	–	3,000	–	250	12
1	12	12	–	–	–	1	20	20	–	–	4,040	964	13
2	20	20	1	10	10	3	44	36	–	–	4,030	4,761	14
1	8	8	–	–	–	2	14	14	–	–	580	397	15
–	–	–	2	10	10	–	–	–	–	1,115	730	266	16
11	**114**	**84**	**5**	**19**	**19**	**14**	**202**	**140**	–	**2,205**	**9,365**	**11,344**	
–	–	–	–	–	–	2	15	15	–	–	–	40	17
1	8	6	1	2	2	1	15	8	–	1,500	20	448	18
1	8	4	–	–	–	–	–	–	–	–	–	–	19
4	41	28	–	–	–	3	58	34	–	300	–	921	20
2	20	18	–	–	–	3	40	36	–	405	1,180	–	21
2	29	22	4	17	17	2	35	24	–	–	4,945	9,078	22
1	8	6	–	–	–	3	39	23	–	–	3,220	857	23
–	–	–	–	–	**341**	–	–	**7,551**	–	–	–	**522,115**	
–	–	–	–	–	–	–	–	189	–	–	–	13,899	24
–	–	–	–	–	–	–	–	161	–	–	–	11,816	25
–	–	–	–	–	6	–	–	–	–	–	–	6,677	26
–	–	–	–	–	–	–	–	214	–	–	–	9,504	27
–	–	–	–	–	–	–	–	264	–	–	–	12,435	28
–	–	–	–	–	–	–	–	90	–	–	–	5,945	29
–	–	–	–	–	–	–	–	408	–	–	–	32,340	30
–	–	–	–	–	–	–	–	74	–	–	–	5,016	31
–	–	–	–	–	–	–	–	20	–	–	–	800	32
–	–	–	–	–	–	–	–	122	–	–	–	5,959	33
–	–	–	–	–	10	–	–	–	–	–	–	250	34
–	–	–	–	–	–	–	–	199	–	–	–	18,180	35
–	–	–	–	–	–	–	–	193	–	–	–	7,259	36
–	–	–	–	–	–	–	–	141	–	–	–	7,927	37
–	–	–	–	–	–	–	–	28	–	–	–	1,096	38
–	–	–	–	–	–	–	–	132	–	–	–	8,816	39
–	–	–	–	–	–	–	–	47	–	–	–	1,140	40
–	–	–	–	–	–	–	–	12	–	–	–	842	41
–	–	–	–	–	–	–	–	93	–	–	–	7,418	42
–	–	–	–	–	–	–	–	122	–	–	–	5,926	43
–	–	–	–	–	–	–	–	8	–	–	–	200	44

[1] The number of units and total horse power are exclusive of Quebec—for Quebec only horse power actually used is shown.

[1] On ne possède pas d'indications sur le nombre d'unités ni sur leur capacité pour la province de Québec: on ne donne, pour cette province que le nombre de chevaux vapeur effectivement utilisés.

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Établissements	Time in Operation — Durée des opérations			Fuel Used — Combustible consommé				
			Days operated during year — Journées de travail durant l'année	Average Hours Worked — Moyenne des heures de travail		Coal — Charbon		Wood — Bois		Other Fuel — Autre combustible
				per day — par jour	per week — par semaine	tons — tonnes	$	cords — cordes	$	$
		no.	no.							
	Québec—concluded—fin.									
1	Joliette	35	8,846	–	–	–	–	1,966	7,772	–
2	Kamouraska	4	824	–	–	–	–	240	1,520	5
3	Labelle	5	926	–	–	–	–	188	734	–
4	Laprairie	2	456	–	–	118	1,144	24	144	–
5	L'Assomption	20	4,377	–	–	–	–	1,152	4,575	–
6	Laval	2	–	–	–	–	–	43	129	–
7	Lévis	4	794	–	–	–	–	162	674	–
8	L'Islet	14	2,611	–	–	–	–	546	2,490	–
9	Lotbinière	33	9,023	–	–	–	–	2,434	8,479	–
10	Maskinongé	14	2,760	–	–	–	–	761	2,475	–
11	Matane	15	2,462	–	–	–	–	548	3,244	14
12	Mégantic	7	1,258	–	–	–	–	201	570	109
13	Missisquoi	17	4,351	–	–	47	447	55	234	4
14	Montcalm	16	2,992	–	–	28	213	730	3,398	200
15	Montmagny	12	2,343	–	–	–	–	553	2,092	–
16	Montmorency	11	2,179	–	–	–	–	670	2,199	–
17	Montreal	3	308	–	–	–	–	700	2,833	–
18	Napierville	3	572	–	–	15	120	110	445	–
19	Nicolet	6	1,312	–	–	–	–	417	1,875	–
20	Pontiac	3	633	–	–	40	452	217	730	–
21	Portneuf	22	5,525	–	–	–	–	1,774	6,844	–
22	Richelieu	7	1,666	–	–	–	–	386	1,446	34
23	Richmond	8	1,995	–	–	–	–	262	1,215	28
24	Rimouski	5	970	–	–	–	–	419	1,391	9
25	Rouville	8	2,725	–	–	80	800	402	1,473	–
26	Shefford	33	9,162	–	–	–	–	1,988	4,965	–
27	Sherbrooke	2	273	–	–	–	–	25	85	–
28	Soulanges	7	1,553	–	–	–	–	112	522	245
29	Stanstead	15	4,140	–	–	118	944	561	2,038	84
30	St-Hyacinthe	1	199	–	–	–	–	40	240	–
31	St-Jean	4	1,059	–	–	81	694	65	338	–
32	St-Maurice	20	4,198	–	–	–	–	774	2,519	360
33	Témiscamingue	7	1,475	–	–	–	–	595	1,727	–
34	Témiscouata	29	5,249	–	–	–	–	1,892	7,001	–
35	Terrebonne	19	3,262	–	–	–	–	489	1,778	12
36	Vaudreuil	5	997	–	–	–	–	104	330	175
37	Verchères	7	1,700	–	–	–	–	376	1,286	308
38	Wolfe	3	543	–	–	–	–	92	300	–
39	Yamaska	1	197	–	–	–	–	10	35	34
	Ontario	**179**	**47,321**	**9**	**59**	**9,621**	**83,330**	**3,369**	**14,667**	**20,122**
40	Brant	4	1,143	10	57	134	1,340	45	190	3,002
41	Bruce	9	2,142	10	58	291	2,611	578	2,021	94
42	Carleton	4	1,288	9	56	1,763	14,509	48	360	2,000
43	Dufferin	3	758	10	60	128	1,191	270	716	–
44	Durham	2	538	9	56	35	331	–	–	520
45	Elgin	4	1,281	9	58	77	685	112	460	342
46	Essex	4	998	9	56	17	168	1	4	525
47	Grenville	1	305	8	48	95	950	–	–	–
48	Grey	8	1,668	10	61	194	1,522	261	1,296	259
49	Haldimand	9	2,233	9	57	10	110	56	264	1,907
50	Halton	3	704	9	56	129	1,340	2	16	–
51	Hastings	5	1,223	10	58	97	924	55	385	–
52	Huron	11	2,772	11	64	699	6,004	156	763	1,033
53	Kent	6	1,378	10	54	24	255	12	36	564
54	Lambton	6	1,874	10	59	619	5,637	190	980	165
55	Lanark	2	595	9	58	125	1,475	45	175	–
56	Leeds	1	312	9	54	130	1,087	–	–	–
57	Lennox & Addington	1	208	10	60	–	–	–	–	–
58	Lincoln	4	1,298	11	69	234	1,920	110	429	–
59	Middlesex	9	2,487	10	61	795	6,291	103	409	840

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
–	–	–	–	–	8	–	–	294	–	–	–	32,760	1
–	–	–	–	–	–	–	–	45	–	–	–	3,026	2
–	–	–	–	–	–	–	–	73	–	–	–	3,108	3
–	–	–	–	–	–	–	–	29	–	–	–	1,305	4
–	–	–	–	–	–	–	–	254	–	–	–	7,564	5
–	–	–	–	–	–	–	–	18	–	–	–	298	6
–	–	–	–	–	–	–	–	45	–	–	–	3,293	7
–	–	–	–	–	–	–	–	241	–	–	–	9,020	8
–	–	–	–	–	–	–	–	443	–	–	–	30,279	9
–	–	–	–	–	–	–	–	148	–	–	–	8,422	10
–	–	–	–	–	25	–	–	201	–	–	–	9,400	11
–	–	–	–	–	–	–	–	65	–	–	–	4,102	12
–	–	–	–	–	–	–	–	391	–	–	–	16,625	13
–	–	–	–	–	5	–	–	117	–	–	–	8,463	14
–	–	–	–	–	–	–	–	180	–	–	–	6,993	15
–	–	–	–	–	–	–	–	213	–	–	–	3,795	16
–	–	–	–	–	–	–	–	–	–	–	–	5,173	17
–	–	–	–	–	–	–	–	32	–	–	–	1,829	18
–	–	–	–	–	–	–	–	76	–	–	–	3,722	19
–	–	–	–	–	–	–	–	48	–	–	–	3,298	20
–	–	–	–	–	268	–	–	–	–	–	–	13,225	21
–	–	–	–	–	–	–	–	95	–	–	–	6,722	22
–	–	–	–	–	–	–	–	115	–	–	–	5,521	23
–	–	–	–	–	–	–	–	36	–	–	–	7,462	24
–	–	–	–	–	9	–	–	122	–	–	–	9,164	25
–	–	–	–	–	–	–	–	436	–	–	–	28,422	26
–	–	–	–	–	–	–	–	22	–	–	–	591	27
–	–	–	–	–	–	–	–	59	–	–	–	2,315	28
–	–	–	–	–	–	–	–	190	–	–	–	61,660	29
–	–	–	–	–	–	–	–	8	–	–	–	350	30
–	–	–	–	–	–	–	–	70	–	–	–	1,008	31
–	–	–	–	–	–	–	–	208	–	–	–	8,633	32
–	–	–	–	–	–	–	–	111	–	–	–	5,796	33
–	–	–	–	–	–	–	–	310	–	–	–	30,159	34
–	–	–	–	–	–	–	–	190	–	–	–	5,937	35
–	–	–	–	–	10	–	–	36	–	–	–	1,373	36
–	–	–	–	–	–	–	–	63	–	–	–	5,740	37
–	–	–	–	–	–	–	–	32	–	–	–	2,117	38
–	–	–	–	–	–	–	–	18	–	–	–	–	39
66	**671**	**545**	**246**	**1,925**	**1,805**	**185**	**3,315**	**2,617**	**74,803**	**334,187**	**156,347**	**456,714**	
1	12	12	9	57	57	6	102	98	–	8,349	2,532	19,811	40
5	56	52	5	52	52	9	161	125	–	22,580	13,294	7,830	41
–	–	–	49	616	616	3	120	120	48,511	18,444	6,000	50,662	42
1	8	8	3	17	12	3	38	25	–	3,400	3,667	6,961	43
2	22	15	–	–	–	2	29	20	–	1,457	–	481	44
2	24	21	2	10	10	5	71	59	–	2,900	900	3,100	45
2	14	14	2	10	10	3	42	42	444	1,600	496	5,798	46
–	–	–	3	12	12	1	20	20	–	1,187	925	3,604	47
3	26	18	4	21	17	7	125	70	–	23,915	5,027	9,366	48
2	15	12	3	25	25	15	142	109	671	26,563	50	6,017	49
1	8	6	3	12	12	1	10	8	–	–	–	589	50
2	23	18	4	30	30	3	74	70	–	7,656	1,376	21,189	51
7	73	63	7	44	44	11	215	176	–	33,519	7,469	7,817	52
2	16	14	1	5	5	8	82	70	–	7,414	–	5,081	53
4	34	34	6	62	37	6	137	85	–	17,078	6,308	21,529	54
3	20	15	–	–	–	2	30	25	–	–	1,057	689	55
–	–	–	7	26	26	1	35	30	–	–	–	703	56
–	–	–	1	5	5	–	–	–	–	2,891	151	2,959	57
2	30	26	3	22	22	4	82	76	–	13,233	–	12,868	58
3	37	27	16	104	102	9	236	191	–	17,319	17,230	13,547	59

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Average Hours Worked — Moyenne des heures de travail: per day — par jour	per week — par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	$	Wood — Bois: cords — cordes	$	Other Fuel — Autre combustible $
	Ontario—concluded—fin.	no.	no.							
1	Nipissing	2	416	12	72	25	250	150	250	–
2	Norfolk	6	1,863	10	58	128	1,237	62	234	1,058
3	Northumberland	4	1,112	10	60	88	1,012	27	166	693
4	Ontario	6	1,640	10	59	99	1,148	222	1,594	289
5	Parry Sound	1	156	10	60	–	–	50	150	–
6	Perth	10	3,141	10	64	555	5,438	24	159	–
7	Peterborough	3	763	10	59	594	5,344	56	380	440
8	Prince Edward	1	200	10	60	30	300	20	200	–
9	Rainy River	1	146	9	54	–	–	10	60	250
10	Renfrew	5	1,236	11	66	134	1,151	197	645	–
11	Simcoe	7	1,490	10	60	165	1,446	66	302	140
12	Stormont	1	308	12	72	–	–	147	739	–
13	Victoria	7	1,365	10	57	3	28	185	710	1,070
14	Haliburton	1/								
15	Waterloo	7	1,996	10	58	332	3,031	22	184	–
16	Welland	3	916	10	56	5	65	25	100	1,208
17	Wellington	6	1,698	11	65	209	2,047	60	270	–
18	Wentworth	4	969	8	44	46	449	–	–	3,475
19	York	9	2,701	8	49	1,612	12,034	2	20	248
	Manitoba	**44**	**11,180**	**10**	**58**	**7,687**	**49,721**	**2,024**	**12,681**	**6**
20	Brandon	6	1,852	10	60	860	4,965	99	813	–
21	Dauphin	5	1,261	10	58	63	454	190	995	–
22	Lisgar	2	391	8	48	11	97	68	306	6
23	Macdonald	2	310	10	65	30	330	24	189	–
24	Marquette	6	1,375	10	58	680	4,446	220	1,288	–
25	Neepawa	2	468	11	71	190	1,160	104	740	–
26	Nelson	1	180	10	60	–	–	65	353	–
27	Provencher	1	72	9	54	–	–	10	64	–
28	Selkirk	7	1,683	10	61	–	–	713	3,223	–
29	Souris	5	1,397	9	54	371	3,281	31	207	–
30	Springfield	1	300	10	60	38	447	–	–	–
31	Winnipeg	6	1,891	9	55	5,444	34,541	500	4,506	–
	Saskatchewan	**42**	**11,080**	**10**	**59**	**4,045**	**25,524**	**1,606**	**7,741**	**1,636**
32	Assiniboia	5	997	10	58	173	1,035	8	56	–
33	Battleford	4	1,244	9	57	343	1,888	2	15	–
34	Humboldt	7	1,921	10	58	422	2,318	440	2,132	72
35	Kindersley	2	440	10	60	137	787	1	11	–
36	Mackenzie	4	987	10	60	77	549	417	2,217	–
37	Moose Jaw	2	618	9	57	523	4,840	–	–	–
38	North Battleford	3	665	10	60	124	891	104	413	–
39	Prince Albert	6	1,586	10	60	110	702	479	2,079	40
40	Qu'Appelle	1	310	10	60	108	577	–	–	–
41	Regina	1	310	10	60	1,290	5,930	–	–	–
42	Saltcoats	3	930	10	60	95	1,023	155	818	–
43	Saskatoon	3	829	10	65	623	4,804	–	–	1,524
44	Swift Current	1	243	9	54	20	180	–	–	–
	Alberta	**48**	**12,207**	**9**	**57**	**3,515**	**20,264**	**453**	**1,496**	**4,444**
45	Battle River	4	1,038	11	69	373	2,188	86	362	131
46	Bow River	4	869	9	57	313	1,887	1	10	29
47	Calgary	7	1,937	10	59	209	1,437	42	156	2,671
48	Edmonton	6	1,378	9	54	789	3,703	22	80	714
49	Lethbridge	4	1,192	10	63	382	1,847	–	–	517
50	Macleod	1	192	8	32	50	400	22	77	–
51	Medicine Hat	1	365	9	63	–	–	–	–	309
52	Red Deer	14	3,608	9	52	981	6,425	236	635	35
53	Strathcona	1	182	8	48	–	–	40	160	–
54	Victoria	6	1,446	10	58	418	2,377	4	16	38

V. Miscellaneous Statistics of Dairy Factories, 1919—con.

V. Détails statistiques concernant l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
–	–	–	1	7	5	3	53	21	–	–	1,473	1,235	1
1	6	6	3	15	15	11	134	106	–	16,834	5	2,297	2
2	10	10	5	15	13	3	25	23	1,257	5,313	4,593	2,714	3
2	12	12	3	15	15	6	61	59	–	20,993	159	6,661	4
1	6	6	–	–	–	1	8	6	–	1,500	55	84	5
3	23	19	7	36	36	9	182	160	670	17,787	837	10,308	6
–	–	–	7	40	15	3	136	87	13,863	1,007	210	45,792	7
1	6	6	–	–	–	1	20	18	–	500	300	50	8
–	–	–	–	–	–	2	16	16	–	–	784	589	9
2	14	9	4	12	10	4	81	54	–	261	1,707	2,874	10
–	–	–	5	35	27	6	64	43	1,592	11,016	706	5,169	11
–	–	–	1	7	7	1	12	12	–	1,156	2,524	3,876	12
3	34	25	3	30	25	6	104	59	–	19,786	5,940	8,482	13
													14
3	36	25	12	60	44	6	122	72	–	15,561	1,095	10,670	15
–	–	–	1	25	25	6	84	63	800	3,888	–	4,228	16
2	15	12	12	75	70	5	82	69	806	7,879	13,625	22,747	17
2	43	24	17	171	165	4	118	94	–	–	1,665	32,903	18
2	48	36	37	252	239	9	262	236	6,189	1,201	54,187	95,434	19
29	**382**	**317**	**121**	**1,193**	**1,076**	**51**	**1,465**	**1,179**	**36,647**	**17,285**	**84,959**	**352,624**	
4	39	37	13	132	105	5	87	85	–	967	21,003	33,462	20
4	49	49	5	45	40	5	95	95	–	100	7,021	23,145	21
1	10	10	–	–	–	3	29	29	–	319	787	1,146	22
2	18	16	–	–	–	2	30	24	–	–	271	1,068	23
5	84	69	–	–	–	6	143	123	–	565	11,530	9,221	24
1	40	15	–	–	–	2	52	25	–	–	2,500	1,090	25
1	7	7	–	–	–	1	20	20	–	–	457	1,847	26
1	15	10	–	–	–	1	20	12	–	–	78	281	27
5	45	41	–	–	–	8	155	112	–	986	4,396	6,457	28
5	75	63	–	–	–	5	95	65	–	–	5,576	4,545	29
–	–	–	1	15	15	1	24	24	–	–	3,956	1,335	30
–	–	–	102	1,001	916	12	715	565	36,647	14,348	27,384	269,027	31
26	**286**	**268**	**59**	**733**	**725**	**49**	**1,193**	**1,039**	**–**	**1,169**	**53,242**	**227,127**	
3	39	34	4	26	25	7	148	111	–	–	5,601	16,892	32
3	34	34	1	5	5	4	125	125	–	–	3,639	6,260	33
5	53	53	1	10	10	9	134	121	–	969	4,837	16,223	34
2	22	22	–	–	–	2	40	40	–	–	3,785	5,161	35
3	40	29	3	27	20	4	100	76	–	–	7,188	18,619	36
–	–	–	13	232	232	3	116	66	–	–	3,985	50,061	37
2	20	20	3	12	12	3	55	55	–	–	1,493	5,508	38
3	35	35	10	66	66	6	90	85	–	200	986	21,539	39
1	6	6	–	–	–	1	25	25	–	–	384	1,749	40
–	–	–	10	160	160	3	125	125	–	–	10,564	24,544	41
3	25	25	1	15	15	3	60	60	–	–	3,506	8,593	42
–	–	–	12	170	170	3	155	140	–	–	6,474	48,288	43
1	12	10	1	10	10	1	20	10	–	–	800	3,690	44
31	**375**	**322**	**40**	**358**	**344**	**49**	**937**	**821**	**–**	**10,073**	**66,350**	**215,034**	
4	41	32	–	–	–	5	67	64	–	758	4,855	18,773	45
2	19	17	1	3	2	5	56	54	–	653	200	2,142	46
3	40	28	16	160	147	5	134	104	–	–	31,851	19,989	47
3	53	53	9	81	81	3	55	55	–	6,281	11,184	78,476	48
3	48	48	4	43	43	4	122	92	–	231	1,698	16,697	49
–	–	–	–	–	–	1	50	20	–	–	72	142	50
–	–	–	7	50	50	1	50	50	–	–	806	3,291	51
12	136	106	1	6	6	17	244	228	–	979	8,348	46,050	52
–	–	–	–	–	–	1	15	10	–	100	–	562	53
4	38	38	2	15	15	7	144	144	–	1,071	7,336	28,912	54

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Time in Operation: Average Hours Worked per day — Moyenne des heures de travail par jour	Time in Operation: Average Hours Worked per week — Moyenne des heures de travail par semaine	Fuel Used — Combustible consommé: Coal — Charbon tons — tonnes	Coal $	Wood — Bois cords — cordes	Wood $	Other Fuel — Autre combustible $
		no.	no.							
	British Columbia— Colombie Britannique	**25**	**7,489**	**9**	**54**	**455**	**4,869**	**2,374**	**10,502**	**100**
1	Cariboo	3	776	8	50	37	414	10	50	100
2	Comox-Alberni	1	365	7	49	–	–	45	187	–
3	Kootenay (West)	1	305	10	60	–	–	58	409	–
4	Nanaimo	3	937	8	44	26	260	195	890	–
5	New Westminster	3	674	10	60	85	856	–	–	–
6	Vancouver	7	2,183	8	52	88	732	1,679	6,908	–
7	Victoria	2	665	9	61	97	1,181	1	9	–
8	Westminster	1	365	8	56	65	715	266	1,330	–
9	Yale	4	1,219	9	54	57	711	120	719	–

B. Cheese Factories—Fromageries

	CANADA	**1,787**	**311,655**	**10**[1]	**62**[1]	**10,644**	**97,302**	**64,890**	**235,220**	**6,263**
	Prince Edward Island— Ile du Prince-Edouard	**20**	**2,300**	**9**	**54**	**121**	**1,233**	**282**	**1,243**	**–**
1	Kings	6	587	8	52	–	–	56	264	–
2	Prince	8	980	9	54	91	961	150	610	–
3	Queens	6	733	10	59	30	272	76	369	–
	Nova Scotia— Nouvelle-Ecosse	**1**	**116**	**10**	**60**	**–**	**–**	**10**	**50**	**–**
4	Cumberland	1	116	10	60	–	–	10	50	–
	New Brunswick— Nouveau-Brunswick	**24**	**3,152**	**10**	**58**	**–**	**–**	**283**	**1,459**	**–**
5	Gloucester	1	120	9	54	–	–	8	64	–
6	Kings	16	2,310	10	60	–	–	223	1,125	–
7	Madawaska	4	356	9	54	–	–	26	140	–
8	Westmoreland	3	366	10	60	–	–	26	130	–
	Québec	**833**	**144,157**	**–**	**–**	**154**	**1,379**	**25,215**	**85,260**	**90**
9	Argenteuil	35	5,913	–	–	–	–	1,210	3,550	–
10	Arthabaska	43	8,938	–	–	–	–	1,605	5,785	–
11	Bagot	1	202	–	–	–	–	15	45	–
12	Beauce	66	10,943	–	–	–	–	1,579	4,986	–
13	Beauharnois	9	1,372	–	–	51	457	119	605	–
14	Bellechasse	3	492	–	–	–	–	102	278	–
15	Berthier	3	467	–	–	–	–	65	240	–
16	Bonaventure	2	272	–	–	–	–	38	152	–
17	Brome	1	180	–	–	–	–	3	12	–
18	Chambly	4	701	–	–	–	–	65	210	–
19	Champlain	20	3,629	–	–	–	–	545	2,040	–
20	Charlevoix	29	4,125	–	–	–	–	467	1,669	–
21	Châteauguay	4	658	–	–	24	192	79	323	–
22	Chicoutimi	46	7,389	–	–	–	–	1,636	7,179	2
23	Compton	4	663	–	–	–	–	132	350	–
24	Deux-Montagnes	2	367	–	–	–	–	111	333	–
25	Dorchester	44	6,877	–	–	–	–	1,201	3,683	–

[1] Exclusive of Quebec—A l'exclusion de Québec.

SESSIONAL PAPER No. 17e

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

A. Creameries—Beurreries

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	[1]Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
8	103	82	47	362	346	16	404	376	–	13,958	10,930	74,332	
–	–	–	1	4	4	5	17	16	–	100	1,678	8,033	2
1	10	6	2	10	10	–	–	–	–	–	–	2,811	3
–	–	–	3	17	17	1	5	5	–	–	–	1,567	4
3	20	18	–	–	–	2	34	26	–	657	1,340	2,292	5
–	–	–	5	12	12	1	15	10	–	–	574	2,061	6
1	50	35	29	232	216	3	271	260	–	3,300	5,883	46,836	7
–	–	–	2	20	20	2	17	14	–	–	–	4,996	8
1	6	6	1	50	50	1	25	25	–	9,901	–	1,924	9
2	17	17	4	17	17	1	20	20	–	–	1,455	3,812	

B. Cheese Factories—Fromageries

333	2,517	2,038	26	245	236	977	11,668	15,634	362,530	–	5,124	586,546	
5	41	38	–	–	–	17	188	166	20,460	–	–	1,317	
–	–	–	–	–	–	6	61	51	1,572	–	–	68	1
2	12	10	–	–	–	7	80	72	13,372	–	–	964	2
3	32	28	–	–	–	4	47	43	5,516	–	–	285	3
–	–	–	–	–	–	1	10	10	–	–	–	305	
–	–	–	–	–	–	1	10	10	–	–	–	305	4
1	12	12	–	–	–	23	226	186	–	–	47	604	
–	–	–	–	–	–	1	8	6	–	–	–	23	5
1	12	12	–	–	–	15	158	137	–	–	27	537	6
–	–	–	–	–	–	4	38	21	–	–	20	27	7
–	–	–	–	–	–	3	22	22	–	–	–	17	8
–	–	–	–	–	–	–	–	6,037	–	–	–	404,818	
–	–	–	–	–	–	–	–	265	–	–	–	17,083	9
–	–	–	–	–	–	–	–	266	–	–	–	19,773	10
–	–	–	–	–	–	–	–	10	–	–	–	460	11
–	–	–	–	–	–	–	–	366	–	–	–	24,728	12
–	–	–	–	–	–	–	–	69	–	–	–	5,345	13
–	–	–	–	–	–	–	–	18	–	–	–	926	14
–	–	–	–	–	–	–	–	30	–	–	–	1,230	15
–	–	–	–	–	–	–	–	16	–	–	–	579	16
–	–	–	–	–	–	–	–	8	–	–	–	617	17
–	–	–	–	–	–	–	–	16	–	–	–	895	18
–	–	–	–	–	–	–	–	124	–	–	–	8,063	19
–	–	–	–	–	–	–	–	157	–	–	–	5,385	20
–	–	–	–	–	–	–	–	61	–	–	–	2,257	21
–	–	–	–	–	–	–	–	318	–	–	–	21,098	22
–	–	–	–	–	–	–	–	37	–	–	–	1,784	23
–	–	–	–	–	–	–	–	13	–	–	–	1,249	24
–	–	–	–	–	–	–	–	225	–	–	–	14,986	25
–	–	–	–	–	–	–	–	120	–	–	–	7,640	26

[1] The number of units and total horse power are exclusive of Quebec—for Quebec only horse power actually used is shown.

[1] On ne possède pas d'indications sur le nombre d'unités ni sur leur capacité, pour la province de Québec; on ne donne, pour cette province, que le nombre de chevaux-vapeur effectivement utilisés.

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromageries

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Time in Operation: Average Hours Worked per day — Moyenne des heures de travail par jour	Time in Operation: Average Hours Worked per week — Moyenne des heures de travail par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	Coal: $	Wood — Bois: cords — cordes	Wood: $	Other Fuel — Autre combustible: $
		no.	no.							
	Québec—concluded—fin.									
1	Drummond	16	2,593	–	–	–	–	527	1,207	–
2	Frontenac	28	4,642	–	–	–	–	898	2,750	–
3	Hull	21	2,629	–	–	–	–	641	2,896	12
4	Huntingdon	5	997	–	–	–	–	169	700	–
5	Iberville	4	1,080	–	–	26	241	72	337	–
6	Joliette	5	959	–	–	–	–	96	207	–
7	Kamouraska	11	1,780	–	–	–	–	28	81	–
8	Labelle	59	9,217	–	–	–	–	1,630	4,669	–
9	Lac-St-Jean	79	14,143	–	–	–	–	3,844	12,217	50
10	Lévis	4	810	–	–	–	–	149	450	11
11	L'Islet	5	633	–	–	–	–	99	295	–
12	Lotbinière	4	1,212	–	–	–	–	221	724	–
13	Maskinongé	7	876	–	–	–	–	147	423	–
14	Matane	16	2,279	–	–	–	–	271	1,120	7
15	Mégantic	40	6,160	–	–	–	–	1,074	3,570	–
16	Montcalm	5	906	–	–	–	–	162	503	–
17	Montmagny	5	798	–	–	–	–	140	448	–
18	Montmorency	3	455	–	–	–	–	43	146	–
19	Nicolet	18	4,041	–	–	–	–	637	2,322	6
20	Pontiac	2	278	–	–	–	–	52	197	–
21	Portneuf	8	1,365	–	–	–	–	314	820	–
22	Richelieu	5	945	–	–	–	–	233	556	–
23	Richmond	24	4,155	–	–	–	–	534	2,437	–
24	Rimouski	17	2,636	–	–	–	–	477	2,180	–
25	Rouville	15	4,523	–	–	53	489	385	2,049	–
26	Saguenay	8	1,154	–	–	–	–	175	600	–
27	Sherbrooke	1	163	–	–	–	–	25	55	–
28	Soulanges	1	189	–	–	–	–	35	140	–
29	St-Hyacinthe	1	200	–	–	–	–	20	60	–
30	St-Jean	1	180	–	–	–	–	11	66	–
31	St-Maurice	3	521	–	–	–	–	93	241	–
32	Témiscamingue	5	760	–	–	–	–	285	768	–
33	Témiscouata	5	688	–	–	–	–	104	338	–
34	Terrebonne	3	461	–	–	–	–	80	204	–
35	Vaudreuil	11	2,089	–	–	–	–	328	1,068	2
36	Verchères	2	433	–	–	–	–	66	200	–
37	Wolfe	39	7,178	–	–	–	–	1,079	2,894	–
38	Yamaska	31	6,841	–	–	–	–	1,099	3,882	–
	Ontario	**888**	**158,412**	**10**	**63**	**9,934**	**92,930**	**38,819**	**145,884**	**5,150**
39	Algoma	3	366	10	62	–	–	84	234	–
40	Bruce	4	594	12	63	108	1,074	21	101	–
41	Carleton	47	7,171	10	62	206	2,046	2,752	9,403	248
42	Dufferin	2	260	11	66	–	–	40	150	–
43	Dundas	50	9,849	11	64	1,019	10,563	2,853	8,748	433
44	Durham	1	150	10	60	–	–	50	200	54
45	Elgin	15	3,390	10	61	277	2,588	388	1,788	1,365
46	Frontenac	66	11,549	11	66	1,014	9,958	1,480	5,644	40
47	Glengarry	67	12,239	10	61	20	175	3,438	10,512	62
48	Grenville	39	7,003	10	62	249	2,225	2,432	7,311	16
49	Hastings	72	11,822	10	63	892	7,417	2,264	11,389	18
50	Huron	4	699	11	65	114	1,056	135	440	–
51	Lambton	4	792	11	66	79	751	95	490	–
52	Lanark	38	5,676	10	60	–	–	1,862	8,783	3
53	Leeds	85	16,875	11	64	1,049	10,114	5,596	20,284	212
54	Lennox & Addington	32	5,654	10	63	606	6,050	893	4,839	589
55	Lincoln	1	90	12	72	–	–	10	50	63
56	Middlesex	19	4,565	11	68	682	6,279	453	2,231	650
57	Nipissing	14	1,931	9	56	–	–	468	1,180	–

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V. Miscellaneous Statistics of Dairy Factories, 1919—con.
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B. Cheese Factories—Fromageries.

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
–	–	–	–	–	–	–	–	199	–	–	–	14,633	1
–	–	–	–	–	–	–	–	196	–	–	–	7,167	2
–	–	–	–	–	–	–	–	46	–	–	–	5,050	3
–	–	–	–	–	–	–	–	30	–	–	–	990	4
–	–	–	–	–	–	–	–	27	–	–	–	2,043	5
–	–	–	–	–	–	–	–	104	–	–	–	7,907	6
–	–	–	–	–	–	–	–	508	–	–	–	24,378	7
–	–	–	–	–	–	–	–	691	–	–	–	63,448	8
–	–	–	–	–	–	–	–	24	–	–	–	730	9
–	–	–	–	–	–	–	–	44	–	–	–	1,719	10
–	–	–	–	–	–	–	–	40	–	–	–	2,216	11
–	–	–	–	–	–	–	–	36	–	–	–	1,735	12
–	–	–	–	–	–	–	–	114	–	–	–	6,209	13
–	–	–	–	–	–	–	–	257	–	–	–	17,855	14
–	–	–	–	–	–	–	–	38	–	–	–	2,812	15
–	–	–	–	–	–	–	–	50	–	–	–	2,337	16
–	–	–	–	–	–	–	–	24	–	–	–	805	17
–	–	–	–	–	–	–	–	122	–	–	–	10,184	18
–	–	–	–	–	–	–	–	26	–	–	–	925	19
–	–	–	–	–	–	–	–	64	–	–	–	4,395	20
–	–	–	–	–	–	–	–	25	–	–	–	2,380	21
–	–	–	–	–	–	–	–	195	–	–	–	12,436	22
–	–	–	–	–	–	–	–	130	–	–	–	13,734	23
–	–	–	–	–	–	–	–	152	–	–	–	10,071	24
–	–	–	–	–	–	–	–	55	–	–	–	4,067	25
–	–	–	–	–	–	–	–	10	–	–	–	662	26
–	–	–	–	–	–	–	–	15	–	–	–	350	27
–	–	–	–	–	–	–	–	5	–	–	–	425	28
–	–	–	–	–	–	–	–	4	–	–	–	143	29
–	–	–	–	–	–	–	–	14	–	–	–	1,326	30
–	–	–	–	–	–	–	–	52	–	–	–	3,535	31
–	–	–	–	–	–	–	–	53	–	–	–	2,149	32
–	–	–	–	–	–	–	–	16	–	–	–	1,360	33
–	–	–	–	–	–	–	–	102	–	–	–	6,149	34
–	–	–	–	–	–	–	–	–	–	–	–	595	35
–	–	–	–	–	–	–	–	256	–	–	–	18,234	36
–	–	–	–	–	–	–	–	194	–	–	–	15,566	37
325	**2,440**	**1,967**	**14**	**83**	**74**	**914**	**10,890**	**8,941**	**340,291**	**–**	**2,287**	**150,350**	
–	–	–	–	–	–	3	37	19	–	–	–	143	38
4	29	24	–	–	–	4	79	65	5,220	–	–	482	39
16	116	82	–	–	–	55	551	454	1,532	–	207	5,892	40
–	–	–	–	–	–	2	20	16	406	–	–	152	41
19	150	133	1	5	5	56	570	499	–	–	150	9,640	42
–	–	–	–	–	–	2	19	9	1,675	–	–	172	43
11	104	90	–	–	–	19	286	245	5,530	–	–	3,823	44
16	118	94	–	–	–	67	779	627	4,003	–	–	6,568	45
14	117	99	–	–	–	61	577	488	–	–	45	6,129	46
12	56	51	–	–	–	40	431	367	2,787	–	162	3,512	47
31	182	151	1	3	3	70	784	656	70,515	–	35	19,839	48
4	27	21	–	–	–	3	57	48	3,431	–	–	858	49
4	49	33	–	–	–	4	80	58	3,786	–	–	392	50
21	117	100	–	–	–	36	426	354	17,990	–	–	6,112	51
40	230	190	–	–	–	92	1,053	910	–	–	22	13,749	52
10	71	62	1	2	2	33	504	404	70,849	–	516	6,322	53
–	–	–	–	–	–	2	21	19	–	–	–	–	54
17	164	128	–	–	–	20	440	362	3,849	–	–	3,551	55
1	4	4	–	–	–	13	115	84	–	–	–	438	56

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
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B. Cheese Factories—Fromageries.

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — journées de travail durant l'année	Time in Operation: Average Hours Worked per day — Moyenne des heures de travail par jour	Time in Operation: Average Hours Worked per week — Moyenne des heures de travail par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	Coal — Charbon: $	Wood — Bois: cords — cordes	Wood — Bois: $	Other Fuel — Autre combustible: $
		no.	no.	per day — par jour	per week — par semaine	tons — tonnes	$	cords — cordes	$	$
	Ontario—concluded—fin.									
1	Norfolk	6	915	10	61	50	450	320	1,100	–
2	Northumberland	35	5,978	10	62	308	3,141	925	5,472	188
3	Oxford	21	5,431	11	69	801	7,103	845	4,512	61
4	Perth	15	2,969	11	66	562	4,676	475	1,962	224
5	Peterborough	26	3,760	10	62	30	275	988	4,761	–
6	Prescott	69	12,040	10	60	80	745	3,568	11,923	117
7	Prince Edward	20	3,563	11	64	949	8,746	110	779	26
8	Renfrew	16	1,742	10	62	–	–	419	1,847	2
9	Russell	59	10,544	10	62	90	884	2,709	9,083	311
10	Stormont	47	8,959	11	63	537	4,693	2,849	9,268	230
11	Victoria	7	924	10	60	–	–	260	1,137	48
12	Waterloo	3	757	10	60	212	1,921	37	263	–
13	Welland	1	155	10	60	–	–	–	–	190
	Manitoba	**12**	**1,858**	**10**	**60**	–	–	**167**	**815**	–
14	Lisgar	1	104	10	60	–	–	11	77	–
15	Provencher	7	978	10	60	–	–	86	408	–
16	Springfield	4	776	9	56	–	–	70	330	–
	Saskatchewan	**1**	**106**	**10**	**60**	–	–	**5**	**31**	–
17	Prince Albert	1	106	10	60	–	–	5	31	–
	Alberta	**5**	**1,031**	**9**	**54**	**410**	**1,517**	**25**	**56**	**1,023**
18	Calgary	1	312	9	54	309	980	–	–	1,023
19	Edmonton	1	67	8	48	–	–	25	56	–
20	Lethbridge	1	130	10	60	8	34	–	–	–
21	Red Deer	1	365	8	48	58	300	–	–	–
22	Strathcona	1	157	10	60	35	203	–	–	–
	British Columbia—Colombie Britannique	**3**	**523**	**10**	**60**	**25**	**243**	**84**	**422**	–
23	Westminster	3	523	10	60	25	243	84	422	–

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

	CANADA	**453**	**102,928**	**10[1]**	**59[1]**	**8,445**	**49,135**	**23,423**	**86,220**	**1,373**
	Prince Edward Island—Ile du Prince-Edouard	**7**	**1,123**	**10**	**58**	**125**	**1,061**	**79**	**394**	–
24	Kings	1	135	8	48	9	123	–	–	–
25	Prince	1	130	8	48	31	310	–	–	–
26	Queens	5	858	10	60	85	628	79	394	–
	Québec	**403**	**91,960**	–	–	**462**	**4,292**	**22,098**	**80,553**	660
27	Arthabaska	30	7,041	–	–	–	–	1,864	6,359	–
28	Bagot	8	1,903	–	–	–	–	397	2,116	–
29	Beauce	14	2,693	–	–	–	–	856	3,038	–
30	Beauharnois	9	1,603	–	–	30	322	271	1,375	178

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V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

B. Cheese Factories—Fromageries.

Power Employed[1] — Force motrice employée[1]									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
5	51	36	–	–	–	5	92	60	4,321	–	–	408	1
12	149	110	3	8	8	33	352	305	28,351	–	–	6,949	2
18	170	146	2	10	7	24	466	405	5,285	–	–	7,629	3
14	118	80	2	30	24	15	318	211	23,545	–	–	8,557	4
10	88	57	–	–	–	25	341	254	19,743	–	–	3,602	5
10	71	54	–	–	–	67	630	492	–	–	856	5,821	6
11	77	60	2	17	17	20	365	282	41,642	–	227	7,994	7
3	21	19	–	–	–	16	155	132	8,865	–	–	1,310	8
8	60	50	–	–	–	62	613	505	792	–	50	7,762	9
11	81	73	2	8	8	51	553	462	1,412	–	17	9,752	10
–	–	–	–	–	–	9	82	72	7,805	–	–	551	11
3	20	20	–	–	–	3	73	64	5,011	–	–	2,192	12
–	–	–	–	–	–	2	21	13	1,946	–	–	49	13
1	**6**	**6**	–	–	–	**12**	**128**	**95**	–	–	–	**736**	
–	–	–	–	–	–	1	8	8	–	–	–	25	14
–	–	–	–	–	–	7	65	55	–	–	–	366	15
1	6	6	–	–	–	4	55	32	–	–	–	345	16
–	–	–	–	–	–	**1**	**12**	**10**	–	–	–	–	
–	–	–	–	–	–	1	12	10	–	–	–	–	17
1	**15**	**15**	**12**	**162**	**162**	**6**	**177**	**167**	–	–	**2,790**	**26,908**	
1	15	15	12	162	162	2	135	135	–	–	2,790	24,171	18
–	–	–	–	–	–	1	10	10	–	–	–	66	19
–	–	–	–	–	–	1	10	5	–	–	–	38	20
–	–	–	–	–	–	1	7	7	–	–	–	2,443	21
–	–	–	–	–	–	1	15	10	–	–	–	190	22
–	–	–	–	–	–	**3**	**37**	**22**	**1,779**	–	–	**1,508**	
–	–	–	–	–	–	3	37	22	1,779	–	–	1,508	23

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

33	**300**	**242**	**93**[1]	**1,304**[1]	**952**[1]	**49**[1]	**1,278**[1]	**5,313**[1]	**40,606**	**3,547**	**125,432**	**799,487**	
4	**36**	**32**	–	–	–	**6**	**73**	**65**	**8,209**	**908**	**59**	**593**	
1	7	7	–	–	–	1	7	7	543	–	–	369	24
–	–	–	–	–	–	1	8	8	–	–	59	15	25
3	29	25	–	–	–	4	58	50	7,666	908	–	209	26
–	–	–	–[1]	[1]	**10**[1]	–[1]	–[1]	**4,308**[1]	–	–	–	**336,974**	
–	–	–	–	–	–	–	–	339	–	–	–	24,478	27
–	–	–	–	–	–	–	–	62	–	–	–	4,970	28
–	–	–	–	–	–	–	–	111	–	–	–	8,938	39
–	–	–	–	–	–	–	–	119	–	–	–	6,362	30

[1]The number of units and total horse power are exclusive of Quebec—For Quebec only horse-power actually used is shown.

[1]On ne possède pas d'indications sur le nombre d'unités ni sur leur capacité, pour la province de Québec; on ne donne pour cette province que le nombre de chevaux-vapeur effectivement utilisés.

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Time in Operation: Average Hours Worked per day — Moyenne des heures de travail par jour	Time in Operation: Average Hours Worked per week — Moyenne des heures de travail par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	Coal: $	Wood — Bois: cords — cordes	Wood: $	Other Fuel — Autre combustible: $
		no.	no.	per day — par jour	per week — par semaine	tons — tonnes	$	cords — cordes	$	$
	Québec—concluded—**fin.**									
1	Berthier	14	2,762	–	–	–	–	860	2,270	–
2	Chambly	1	228	–	–	9	81	5	40	56
3	Champlain	26	6,060	–	–	–	–	1,390	5,780	–
4	Châteauguay	4	785	–	–	100	900	175	821	–
5	Chicoutimi	3	600	–	–	–	–	240	960	–
6	Compton	3	642	–	–	–	–	209	613	–
7	Deux-Montagnes	4	675	–	–	–	–	220	955	–
8	Dorchester	1	209	–	–	–	–	36	162	–
9	Drummond	23	4,948	–	–	–	–	1,262	3,394	–
10	Frontenac	4	898	–	–	–	–	210	595	–
11	Huntingdon	13	2,399	–	–	72	675	604	2,425	–
12	Iberville	1	365	–	–	20	170	4	16	–
13	Joliette	3	634	–	–	–	–	159	432	–
14	Kamouraska	9	1,781	–	–	–	–	509	2,305	13
15	Labelle	4	786	–	–	–	–	239	617	–
16	Lac St-Jean	18	3,579	–	–	–	–	1,316	4,734	28
17	L'Assomption	1	110	–	–	–	–	20	80	–
18	Maskinongé	17	3,689	–	–	–	–	745	2,145	–
19	Matane	4	663	–	–	–	–	152	649	–
20	Mégantic	7	1,586	–	–	–	–	313	1,256	36
21	Montcalm	1	231	–	–	–	–	45	180	–
22	Nicolet	59	14,818	–	–	–	–	4,007	16,443	270
23	Portneuf	16	3,554	–	–	–	–	858	2,916	–
24	Richelieu	13	3,271	–	–	–	–	866	3,003	14
25	Richmond	5	963	–	–	–	–	153	770	–
26	Rouville	5	1,610	–	–	75	730	150	668	–
27	Shefford	5	1,195	–	–	–	–	275	685	–
28	Soulanges	3	683	–	–	32	298	36	192	–
29	St-Hyacinthe	25	7,002	–	–	116	1,044	1,139	4,422	–
30	St-Jean	1	270	–	–	8	72	4	28	–
31	Témiscamingue	1	140	–	–	–	–	45	68	–
32	Témiscouata	1	177	–	–	–	–	25	112	1
33	Vaudreuil	2	428	–	–	–	–	88	240	–
34	Verchères	4	956	–	–	–	–	177	566	–
35	Wolfe	10	2,052	–	–	–	–	369	1,313	64
36	Yamaska	31	7,971	–	–	–	–	1,805	5,810	–
	Ontario	**37**	**8,173**	**10**	**62**	**5,407**	**33,392**	**1,226**	**5,173**	**422**
37	Algoma	3	443	10	60	–	–	121	424	–
38	Carleton	1	201	11	72	–	–	175	595	–
39	Dundas	3	743	11	65	120	1,154	80	290	20
40	Elgin	1	306	8	48	–	–	–	–	223
41	Frontenac	1	314	10	60	82	701	–	–	–
42	Glengarry	1	224	10	60	–	–	74	370	–
43	Haldimand	1	180	10	60	–	–	–	–	100
44	Lanark	2	355	11	66	–	–	127	570	–
45	Leeds	1	195	10	60	40	420	25	100	–
46	Nipissing	3	437	9	56	–	–	115	282	4
47	Norfolk	1	250	10	60	70	630	40	200	–
48	Oxford	6	1,627	11	64	275	2,350	213	1,048	75
49	Perth	5	1,399	10	59	366	3,049	83	453	–
50	Peterborough	4	626	11	67	–	–	149	735	–
51	Prince Edward	1	216	11	66	70	825	–	–	–
52	Wellington	2	292	11	66	45	395	24	106	–
53	York	1	365	9	61	4,339	23,868	–	–	–
	Alberta	**5**	**1,352**	**9**	**56**	**2,448**	**10,354**	**–**	**–**	**291**
54	Edmonton	2	677	8	50	2,150	8,400	–	–	–
55	Red Deer	2	545	10	60	183	1,258	–	–	291
56	Strathcona	1	130	10	60	115	696	–	–	–

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C. Combined Butter and Cheese Factories—Fabriques de beurre et de fromage

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
–	–	–	–	–	–	–	–	188	–	–	–	12,239	1
–	–	–	–	–	–	–	–	6	–	–	–	890	2
–	–	–	–	–	–	–	–	234	–	–	–	26,121	3
–	–	–	–	–	–	–	–	48	–	–	–	3,756	4
–	–	–	–	–	–	–	–	42	–	–	–	4,680	5
–	–	–	–	–	–	–	–	52	–	–	–	2,273	6
–	–	–	–	–	–	–	–	50	–	–	–	2,315	7
–	–	–	–	–	–	–	–	7	–	–	–	650	8
–	–	–	–	–	–	–	–	126	–	–	–	16,877	9
–	–	–	–	–	–	–	–	42	–	–	–	3,598	10
–	–	–	–	–	–	–	–	187	–	–	–	11,831	11
–	–	–	–	–	–	–	–	15	–	–	–	628	12
–	–	–	–	–	–	–	–	20	–	–	–	1,933	13
–	–	–	–	–	–	–	–	130	–	–	–	13,267	14
–	–	–	–	–	–	–	–	63	–	–	–	3,243	15
–	–	–	–	–	–	–	–	199	–	–	–	22,307	16
–	–	–	–	–	–	–	–	6	–	–	–	46	17
–	–	–	–	–	–	–	–	185	–	–	–	9,092	18
–	–	–	–	–	–	–	–	57	–	–	–	2,642	19
–	–	–	–	–	–	–	–	67	–	–	–	4,713	20
–	–	–	–	–	–	–	–	10	–	–	–	650	21
–	–	–	–	–	–	–	–	642	–	–	–	44,636	22
–	–	–	–	–	–	–	–	107	–	–	–	18,577	23
–	–	–	–	–	–	–	–	162	–	–	–	12,330	24
–	–	–	–	–	–	–	–	49	–	–	–	3,557	25
–	–	–	–	–	–	–	–	55	–	–	–	4,250	26
–	–	–	–	–	–	–	–	60	–	–	–	4,000	27
–	–	–	–	–	–	–	–	36	–	–	–	1,700	28
–	–	–	–	–	–	–	–	173	–	–	–	21,984	29
–	–	–	–	–	–	–	–	15	–	–	–	270	30
–	–	–	–	–	–	–	–	10	–	–	–	486	31
–	–	–	–	–	–	–	–	15	–	–	–	275	32
–	–	–	–	–	10	–	–	9	–	–	–	1,185	33
–	–	–	–	–	–	–	–	24	–	–	–	3,419	34
–	–	–	–	–	–	–	–	99	–	–	–	6,826	35
–	–	–	–	–	–	–	–	487	–	–	–	24,980	36
28	**256**	**202**	**65**	**885**	**523**	**38**	**1,035**	**780**	**32,397**	**2,199**	**79,250**	**340,561**	
3	31	17	–	–	–	2	27	18	–	–	–	816	37
1	10	6	–	–	–	1	22	16	–	–	–	159	38
2	14	11	–	–	–	4	50	40	–	–	–	997	39
–	–	–	–	–	–	2	26	20	–	–	–	70	40
1	8	8	1	7	7	1	50	50	24	–	–	337	41
1	7	4	–	–	–	1	15	10	–	–	–	64	42
1	14	14	–	–	–	1	20	20	1,600	140	–	–	43
2	10	10	–	–	–	2	44	36	230	320	–	510	44
–	–	–	–	–	–	1	12	12	–	–	–	818	45
2	30	19	–	–	–	2	30	15	–	–	–	722	46
1	15	15	–	–	–	1	35	30	600	100	–	99	47
4	28	21	1	5	2	6	119	87	7,624	600	–	1,745	48
3	44	40	–	–	–	5	131	124	11,286	788	–	1,199	49
4	25	17	–	–	–	3	47	22	2,687	251	–	769	50
1	4	4	–	–	–	1	10	8	4,523	–	–	145	51
1	10	10	–	–	–	2	22	22	3,823	–	–	244	52
1	6	6	63	873	514	3	375	250	–	–	79,250	331,867	53
1	**8**	**8**	**27**	**414**	**414**	**5**	**170**	**160**	**–**	**440**	**46,123**	**121,129**	
–	–	–	25	394	394	3	130	130	–	–	45,923	109,987	54
–	–	–	2	20	20	1	25	15	–	440	200	3,493	55
1	8	8	–	–	–	1	15	15	–	–	–	7,649	56

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	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Time in Operation: Average Hours[1] Worked — Moyenne des heures[1] de travail: per day — par jour	Time in Operation: Average Hours[1] Worked: per week — par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	Coal: $	Wood — Bois: cords — cordes	Wood: $	Other Fuel — Autre combustible: $
		no.	no.	per day — par jour	per week — par semaine	tons — tonnes	$	cords — cordes	$	$
	British Columbia— Colombie Britannique	**1**	**320**	**10**	**60**	**3**	**36**	**20**	**100**	**–**
1	Kootenay (West)	1	320	10	60	3	36	20	100	–

D. Condensed Milk Factories—Fabriques de lait condensé

	CANADA	**24**	**7,517**	**10**	**59**	**42,647**	**292,696**	**2,270**	**8,596**	**18,074**
2	Prince Edward Island — Ile du Prince-Edouard	1								
3	Nova Scotia — Nouvelle-Ecosse	4	1,299	10	57	4,037	30,159	4	20	–
4	Quebec	1								
5	Ontario	17	5,123	10	60	37,956	258,613	86	519	5,253
6	British Columbia— Colombie Britannique	3	1,095	9	58	654	3,924	2,180	8,057	12,821

E. All Factories—Toutes fabriques

	CANADA	**3,282**	**661,154**	**10[1]**	**59[1]**	**89,068**	**640,193**	**133,280**	**503,534**	**56,679**
	Prince Edward Island— Ile du Prince-Edouard	**38**	**5,647**	**9**	**55**	**630**	**6,074**	**618**	**2,874**	**–**
7	Kings	8	865	8	50	9	123	72	340	–
8	Prince	13	1,868	9	52	131	1,361	251	1,077	–
9	Queens	17	2,914	10	59	490	4,590	295	1,457	–
	Nova Scotia— Nouvelle-Ecosse	**25**	**6,767**	**9**	**56**	**2,805**	**21,814**	**490**	**2,031**	**1,258**
10	Annapolis	1	300	6	36	15	135	20	140	–
11	Antigonish	4	892	9	56	112	819	27	129	–
12	Colchester	5	1,568	9	54	2,223	17,283	179	346	135
13	Cumberland	3	781	10	63	102	696	14	62	–
14	Digby	2	330	10	60	6	66	26	124	–
15	Halifax	1	213	8	48	50	375	50	100	840
16	Hants	1	313	8	48	–	–	40	175	–
17	Inverness	1	299	9	54	1	4	30	118	–
18	Kings	2	513	9	57	85	675	–	–	80
19	Lunenburg	1	311	10	60	–	–	104	837	–
20	Pictou	2	625	10	57	130	1,092	–	–	160
21	Victoria	1	313	10	60	49	339	–	–	43
22	Yarmouth	1	309	9	54	32	330	–	–	–
	New Brunswick— Nouveau-Brunswick	**41**	**6,916**	**10**	**57**	**317**	**2,692**	**650**	**3,002**	**322**
23	Albert	1	183	9	30	–	–	10	40	22
24	Carleton	1	182	10	60	–	–	50	200	–
25	Gloucester	1	120	9	54	–	–	8	64	–
26	Kent	1	120	10	60	2	22	6	30	–
27	Kings	20	3,134	10	56	100	900	253	1,293	–
28	Madawaska	7	787	9	57	–	–	207	925	–
29	St. John	4	1,304	10	61	215	1,770	5	30	–
30	Westmorland	6	1,086	10	58	–	–	111	420	300

[1]Exclusive of Quebec—A l'exclusion de Québec.

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Power Employed[1] — Force motrice employée[1]									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
–	–	–	1	5	5	–	–	–	–	–	–	230	
–	–	–	1	1	5	–	–	–	–	–	–	230	1

D. Condensed Milk Factories—Fabriques de lait condensé

37	1,833	1,615	80	832	771	68	8,318	7,653	71,656	1,455	6,816	1,012,876	
3	113	155	4	9	15	5	390	660	1,500	–	840	316,656	2 3
30	1,657	1,410	62	663	621	55	7,320	6,445	66,498	1,455	5,976	591,773	4 5
4	63	50	14	160	135	8	638	548	6,658	–	–	104,447	6

E. All Factories—Toutes Fabriques

599[1]	6,835[1]	5,735[1]	724[1]	7,022[1]	6,659[1]	1,492[1]	29,272[1]	42,708[1]	589,596	403,981	531,808	4,271,234	
19	208	188	–	–	–	35	538	489	30,169	5,515	2,546	3,068	
2	15	15	–	–	–	8	78	68	2,115	–	–	448	7
5	46	44	–	–	–	12	143	133	13,372	2,834	97	1,087	8
12	147	129	–	–	–	15	317	288	14,682	2,681	2,449	1,533	9
18	239	184	11	60	53	28	585	472	354	15,495	11,596	39,300	
–	–	–	–	–	–	1	25	15	–	840	–	40	10
4	37	33	–	–	–	4	70	52	334	1,842	808	1,224	11
5	111	71	4	9	9	6	284	223	–	1,434	489	27,486	12
1	6	6	4	31	24	3	28	28	–	1,525	919	3,155	13
1	10	10	–	–	–	2	27	27	20	413	–	129	14
1	12	10	–	–	–	1	20	12	–	3,000	–	331	15
–	–	–	–	–	–	2	28	20	–	1,200	–	87	16
1	8	8	–	–	–	1	10	10	–	1,126	–	210	17
1	15	6	–	–	–	2	15	15	–	3,000	–	250	18
1	12	12	–	–	–	1	20	20	–	–	4,040	964	19
2	20	20	1	10	10	3	44	36	–	–	4,030	4,761	20
1	8	8	–	–	–	2	14	14	–	–	580	397	21
–	–	–	2	10	10	–	–	–	–	1,115	730	266	22
12	126	96	5	19	19	37	428	326	–	2,205	9,412	11,948	
–	–	–	–	–	–	2	15	15	–	–	–	40	23
1	8	6	1	2	2	1	15	8	–	1,500	20	448	24
–	–	–	–	–	–	1	8	6	–	–	–	23	25
1	8	4	–	–	–	–	–	–	–	–	–	–	26
5	53	40	–	–	–	18	216	171	–	300	27	1,458	27
2	20	18	–	–	–	7	78	57	–	405	1,200	27	28
2	29	22	4	17	17	2	35	24	–	–	4,945	9,078	29
1	8	6	–	–	–	6	61	45	–	–	3,220	874	30

[1]The number of units and total horse power are exclusive of Quebec—For Quebec only horse-power actually used is shown.

[1]On ne possède pas d'indications sur le nombre d'unités ni sur leur capacité, pour la province de Québec; on ne donne pour cette province que le nombre de chevaux-vapeur effectivement utilisés.

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Time in Operation: Average Hours Worked — Moyenne des heures de travail: per day — par jour	Time in Operation: Average Hours Worked — Moyenne des heures de travail: per week — par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	Coal: $	Wood — Bois: cords — cordes	Wood: $	Other Fuel — Autre combustible: $
		no.	no.			tons	$	cords	$	$
	Québec	**1,868**	**374,554**	–	–	**3,156**	**24,896**	**79,084**	**287,480**	**3,831**
1	Argenteuil	35	5,913	–	–	–	–	1,210	3,550	–
2	Arthabaska	73	15,979	–	–	–	–	3,469	12,144	–
3	Bagot	36	8,177	–	–	131	1,205	1,544	8,131	–
4	Beauce	101	17,830	–	–	–	–	3,625	12,696	–
5	Beauharnois	19	3,169	–	–	81	779	390	1,980	178
6	Bellechasse	18	3,238	–	–	–	–	910	3,340	35
7	Berthier	37	6,421	–	–	–	–	2,155	6,821	29
8	Bonaventure	13	2,267	–	–	–	–	469	1,901	–
9	Brome	16	4,504	–	–	14	126	92	373	1,212
10	Chambly	5	929	–	–	9	81	70	250	56
11	Champlain	53	11,381	–	–	–	–	2,316	9,396	–
12	Charlevoix	30	4,307	–	–	–	–	507	1,969	–
13	Châteauguay	18	3,342	–	–	127	1,129	783	3,804	44
14	Chicoutimi	50	8,354	–	–	30	300	1,876	8,139	2
15	Compton	20	4,427	–	–	–	–	890	2,995	–
16	Deux-Montagnes	21	3,968	–	–	55	453	918	3,999	4
17	Dorchester	54	8,818	–	–	–	–	2,035	7,306	–
18	Drummond	43	8,212	–	–	–	–	1,920	4,906	73
19	Frontenac	46	8,304	–	–	–	–	1,867	5,810	–
20	Gaspé	2	330	–	–	–	–	42	243	–
21	Hull	22	2,799	–	–	–	–	721	3,096	12
22	Huntingdon	26	5,131	–	–	1,766	12,138	1,345	5,045	–
23	Iberville	12	3,485	–	–	132	1,238	366	1,664	63
24	Jacques-Cartier	1	177	–	–	–	–	50	213	–
25	Joliette	43	10,439	–	–	–	–	2,221	8,411	–
26	Kamouraska	24	4,385	–	–	–	–	777	3,906	18
27	Labelle	68	10,929	–	–	–	–	2,057	6,020	–
28	Lac St-Jean	97	17,722	–	–	–	–	5,160	16,951	78
29	Laprairie	2	456	–	–	118	1,144	24	144	–
30	L'Assomption	21	4,487	–	–	–	–	1,172	4,655	–
31	Laval	2	–	–	–	–	–	43	129	–
32	Lévis	8	1,604	–	–	–	–	311	1,124	11
33	L'Islet	19	3,244	–	–	–	–	645	2,785	–
34	Lotbinière	37	10,235	–	–	–	–	2,655	9,203	–
35	Maskinongé	38	7,325	–	–	–	–	1,653	5,043	–
36	Matane	35	5,404	–	–	–	–	971	5,013	21
37	Mégantic	54	9,004	–	–	–	–	1,588	5,396	145
38	Missisquoi	17	4,351	–	–	47	447	55	234	4
39	Montcalm	22	4,129	–	–	28	213	937	4,081	200
40	Montmagny	17	3,141	–	–	–	–	693	2,540	–
41	Montmorency	14	2,634	–	–	–	–	713	2,345	–
42	Montréal	3	308	–	–	–	–	700	2,833	–
43	Napierville	3	572	–	–	15	120	110	445	–
44	Nicolet	83	20,171	–	–	–	–	5,061	20,640	276
45	Pontiac	5	911	–	–	40	452	269	927	–
46	Portneuf	46	10,444	–	–	–	–	2,946	10,580	–
47	Richelieu	25	5,882	–	–	–	–	1,485	5,005	48
48	Richmond	37	7,113	–	–	–	–	949	4,422	28
49	Rimouski	22	3,606	–	–	–	–	896	3,571	9
50	Rouville	28	8,858	–	–	208	2,019	937	4,190	–
51	Saguenay	8	1,154	–	–	–	–	175	600	–
52	Shefford	38	10,357	–	–	–	–	2,263	5,650	–
53	Sherbrooke	3	436	–	–	–	–	50	140	–
54	Soulanges	11	2,425	–	–	32	298	183	854	245
55	Stanstead	15	4,140	–	–	118	944	561	2,038	84
56	St-Hyacinthe	27	7,401	–	–	116	1,044	1,199	4,722	–
57	St-Jean	6	1,509	–	–	89	766	80	432	–
58	St-Maurice	23	4,719	–	–	–	–	867	2,760	360
59	Témiscamingue	13	2,375	–	–	–	–	925	2,563	–

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

E. All Factories—Toutes fabriques

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
–	–	75	–	–	357	–	–	18,221	–	–	–	1,553,445	
–	–	–	–	–	–	–	–	265	–	–	–	17,083	1
–	–	–	–	–	–	–	–	605	–	–	–	44,251	2
–	–	–	–	–	–	–	–	261	–	–	–	19,329	3
–	–	–	–	–	–	–	–	638	–	–	–	45,482	4
–	–	–	–	–	6	–	–	188	–	–	–	18,384	5
–	–	–	–	–	–	–	–	232	–	–	–	10,430	6
–	–	–	–	–	–	–	–	482	–	–	–	25,904	7
–	–	–	–	–	–	–	–	106	–	–	–	6,524	8
–	–	–	–	–	–	–	–	416	–	–	–	32,957	9
–	–	–	–	–	–	–	–	22	–	–	–	1,785	10
–	–	–	–	–	–	–	–	432	–	–	–	39,200	11
–	–	–	–	–	–	–	–	177	–	–	–	6,185	12
–	–	–	–	–	–	–	–	231	–	–	–	11,972	13
–	–	–	–	–	10	–	–	360	–	–	–	26,028	14
–	–	–	–	–	–	–	–	288	–	–	–	22,237	15
–	–	–	–	–	–	–	–	256	–	–	–	10,823	16
–	–	–	–	–	–	–	–	373	–	–	–	23,563	17
–	–	–	–	–	–	–	–	274	–	–	–	25,613	18
–	–	–	–	–	–	–	–	373	–	–	–	27,047	19
–	–	–	–	–	–	–	–	47	–	–	–	1,140	20
–	–	–	–	–	–	–	–	208	–	–	–	8,009	21
–	–	–	–	–	6	–	–	651	–	–	–	49,641	22
–	–	–	–	–	–	–	–	167	–	–	–	7,544	23
–	–	–	–	–	–	–	–	8	–	–	–	200	24
–	–	–	–	–	8	–	–	341	–	–	–	36,736	25
–	–	–	–	–	–	–	–	279	–	–	–	24,200	26
–	–	–	–	–	–	–	–	644	–	–	–	30,729	27
–	–	–	–	–	–	–	–	890	–	–	–	85,755	28
–	–	–	–	–	–	–	–	29	–	–	–	1,305	29
–	–	–	–	–	–	–	–	260	–	–	–	7,610	30
–	–	–	–	–	–	–	–	18	–	–	–	298	31
–	–	–	–	–	–	–	–	69	–	–	–	4,023	32
–	–	–	–	–	–	–	–	285	–	–	–	10,739	33
–	–	–	–	–	–	–	–	483	–	–	–	32,495	34
–	–	–	–	–	–	–	–	369	–	–	–	19,249	35
–	–	–	–	–	25	–	–	372	–	–	–	18,251	36
–	–	–	–	–	–	–	–	389	–	–	–	26,670	37
–	–	–	–	–	–	–	–	391	–	–	–	16,625	38
–	–	–	–	–	5	–	–	165	–	–	–	11,925	39
–	–	–	–	–	–	–	–	230	–	–	–	9,330	40
–	–	–	–	–	–	–	–	237	–	–	–	4,600	49
–	–	–	–	–	–	–	–	–	–	–	–	5,173	42
–	–	–	–	–	–	–	–	32	–	–	–	1,829	43
–	–	–	–	–	–	–	–	840	–	–	–	58,542	44
–	–	–	–	–	–	–	–	74	–	–	–	4,223	45
–	–	–	–	–	268	–	–	171	–	–	–	36,197	46
–	–	–	–	–	–	–	–	282	–	–	–	21,432	47
–	–	–	–	–	–	–	–	359	–	–	–	21,514	48
–	–	–	–	–	–	–	–	166	–	–	–	21,196	49
–	–	–	–	–	9	–	–	329	–	–	–	23,485	50
–	–	–	–	–	–	–	–	55	–	–	–	4,067	51
–	–	–	–	–	–	–	–	496	–	–	–	32,422	52
–	–	–	–	–	–	–	–	32	–	–	–	1,253	53
–	–	–	–	–	–	–	–	110	–	–	–	4,365	54
–	–	–	–	–	–	–	–	190	–	–	–	61,660	55
–	–	–	–	–	–	–	–	186	–	–	–	22,759	56
–	–	–	–	–	–	–	–	89	–	–	–	1,421	57
–	–	–	–	–	–	–	–	222	–	–	–	9,959	58
–	–	–	–	–	–	–	–	173	–	–	–	9,817	59

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

E. All Factories—Toutes Fabriques.

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations		Fuel Used — Combustible consommé				
			Days operated during year — Journées de travail durant l'année	Average Hours Worked — Moyenne des heures de travail	Coal — Charbon		Wood — Bois		Other Fuel — Autre combustible
		no.	no.	per day — par jour	per week — par semaine	tons — tonnes	$	cords — cordes	$	$
	Quebec—concluded—fin.									
1	Témiscouata	35	6,114	–	–	–	–	2,021	7,451	1
2	Terrebonne	22	3,723	–	–	–	–	569	1,982	12
3	Vaudreuil	18	3,514	–	–	–	–	520	1,638	177
4	Verchères	13	3,089	–	–	–	–	619	2,052	308
5	Wolfe	52	9,773	–	–	–	–	1,540	4,507	64
6	Yamaska	63	15,009	–	–	–	–	2,914	9,727	34
	Ontario	**1,121**	**219,029**	**10**	**61**	**62,918**	**468,265**	**43,500**	**166,243**	**30,947**
7	Algoma	6	809	10	61	–	–	205	658	–
8	Brant	6	1,763	10	60	3,178	23,888	45	190	3,007
9	Bruce	13	2,736	10	59	399	3,685	599	2,122	94
10	Carleton	52	8,660	10	61	1,969	16,555	2,975	10,358	2,248
11	Dufferin	5	1,018	10	62	128	1,191	310	866	–
12	Dundas	54	10,906	11	64	4,065	37,757	2,933	9,038	453
13	Durham	3	688	10	57	35	331	50	200	574
14	Elgin	22	5,603	10	60	7,662	45,210	586	2,767	1,930
15	Essex	4	998	9	56	17	168	1	4	525
16	Frontenac	67	11,863	11	66	1,096	10,659	1,480	5,644	40
17	Glengarry	68	12,463	10	63	20	175	3,512	10,882	62
18	Grenville	40	7,308	10	61	344	3,175	2,432	7,311	16
19	Grey	8	1,668	10	61	194	1,522	261	1,296	259
20	Haldimand	10	2,413	10	57	10	110	56	264	2,007
21	Halton	3	704	9	56	129	1,340	2	16	–
23	Hastings	77	13,045	10	63	989	8,341	2,319	11,774	18
23	Huron	15	3,471	11	64	813	7,060	291	1,203	1,033
24	Kent	6	1,378	10	54	24	255	12	36	564
25	Lambton	10	2,666	11	62	698	6,388	285	1,470	165
26	Lanark	42	6,626	10	61	125	1,475	2,034	9,528	3
27	Leeds	88	17,622	11	64	3,930	30,866	5,621	20,384	212
28	Lennox & Addington	33	5,862	10	63	606	6,050	893	4,839	589
29	Lincoln	5	1,388	12	70	234	1,920	120	479	63
30	Middlesex	30	7,672	11	65	4,850	37,282	556	2,640	1,490
31	Nipissing	19	2,784	10	58	25	250	733	1,712	4
32	Norfolk	14	3,278	10	59	498	4,567	422	1,534	1,058
33	Northumberland	39	7,090	10	62	396	4,153	952	5,638	881
34	Ontario	6	1,640	10	59	99	1,148	222	1,594	289
35	Oxford	34	9,277	11	66	18,350	120,709	1,058	5,560	5,384
36	Parry Sound	1	156	10	60	–	–	50	150	–
37	Perth	30	7,509	11	64	1,483	13,163	582	2,574	224
38	Peterborough	33	5,149	11	63	624	5,619	1,193	5,876	440
39	Prescott	69	12,040	10	60	80	745	3,568	11,923	117
40	Prince Edward	23	4,213	11	63	2,119	20,496	130	979	26
41	Rainy River	1	146	9	54	–	–	10	60	250
42	Renfrew	21	2,978	10	60	134	1,151	616	2,492	2
43	Russell	59	10,544	10	62	90	884	2,709	9,083	311
44	Simcoe	7	1,490	10	60	165	1,446	66	302	140
45	Stormont	48	9,267	11	63	537	4,693	2,996	10,007	230
46	Haliburton 1	14	2,289	10	58	3	28	445	1,847	1,118
47	Victoria 13									
48	Waterloo	10	2,753	10	59	544	4,952	59	447	–
49	Welland	4	1,071	10	57	5	65	25	100	1,398
50	Wellington	8	1,990	11	65	254	2,442	84	376	–
51	Wentworth	4	969	8	44	46	449	–	–	3,475
52	York	10	3,066	8	50	5,951	35,902	2	20	248
	Manitoba	**56**	**13,038**	**10**	**60**	**7,687**	**49,721**	**2,191**	**13,499**	**6**
53	Brandon	6	1,852	10	60	860	4,965	99	813	–
54	Dauphin	5	1,261	10	58	63	454	190	995	–
55	Lisgar	3	495	9	52	11	97	79	383	6

V. Miscellaneous Statistics of Dairy Factories, 1919—con.
V. Détails statistiques concernant l'industrie laitière, 1919—suite.

E. All Factories.—Toutes Fabriques.

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
–	–	–	–	–	–	–	–	378	–	–	–	32,583	1
–	–	–	–	–	–	–	–	206	–	–	–	7,297	2
–	–	–	–	–	20	–	–	147	–	–	–	8,707	3
–	–	–	–	–	–	–	–	87	–	–	–	9,754	4
–	–	–	–	–	–	–	–	387	–	–	–	27,177	5
–	–	–	–	–	–	–	–	699	–	–	–	40,546	6
449	**5,024**	**4,124**	**387**	**3,556**	**3,023**	**1,192**	**22,560**	**18,783**	**513,989**	**337,841**	**243,860**	**1,539,398**	
3	31	17	–	–	–	5	64	37	–	–	–	959	7
4	97	97	11	64	64	11	677	673	23,153	9,804	4,652	44,197	8
9	85	76	5	52	52	13	240	190	5,220	22,580	13,294	8,312	9
17	126	88	49	616	616	59	693	590	50,043	18,444	6,207	56,713	10
1	8	8	3	17	12	5	58	41	406	3,400	3,667	7,113	11
22	389	369	5	325	325	62	840	689	–	–	150	76,568	12
2	22	15	–	–	–	4	48	29	1,675	1,457	–	653	13
19	443	311	6	12	12	34	1,583	1,524	6,968	2,900	900	137,102	14
2	14	14	2	10	10	3	42	42	444	1,600	496	5,798	15
17	126	102	1	7	7	68	829	677	4,027	–	–	6,905	16
15	124	103	–	–	–	62	592	498	–	–	45	6,193	17
12	56	51	3	12	12	41	451	387	2,787	1,187	1,087	7,116	18
3	26	18	4	21	17	7	125	70	–	23,915	5,027	9,366	19
3	29	26	3	25	25	16	162	129	2,271	26,703	50	6,017	20
1	8	6	3	12	12	1	10	8	–	–	–	589	21
33	205	169	5	33	33	73	858	726	70,515	7,656	1,411	41,028	22
11	100	84	7	44	44	14	272	224	3,431	33,519	7,469	8,675	23
2	16	14	1	5	5	8	82	70	–	7,414	–	5,081	24
8	83	67	6	62	37	10	217	143	3,786	17,078	6,308	21,921	25
26	147	125	–	–	–	40	500	415	18,220	320	1,057	7,311	26
40	230	190	14	68	68	98	1,600	1,352	15,971	–	878	59,948	27
10	71	62	2	7	7	33	504	404	70,849	2,891	667	9,281	28
2	30	26	3	22	22	6	103	95	–	13,233	–	12,868	29
23	396	350	16	104	102	36	1,526	1,403	15,392	17,319	17,230	47,587	30
3	34	23	1	7	5	18	198	120	–	–	1,473	2,395	31
8	90	67	3	15	15	18	321	236	11,121	16,934	5	3,382	32
14	159	120	8	23	21	36	377	328	29,608	5,313	4,593	9,663	33
2	12	12	3	15	15	6	61	59	–	20,993	159	6,661	34
37	997	844	48	307	259	58	4,500	3,722	18,484	600	3,000	304,276	35
1	6	6	–	–	–	1	8	6	–	1,500	55	84	36
20	185	139	9	66	60	29	631	495	35,501	18,575	837	20,064	37
14	113	74	7	40	15	31	524	363	36,293	1,258	210	50,163	38
10	71	54	–	–	–	67	630	492	–	–	856	5,821	39
14	107	88	2	17	17	22	395	308	48,783	500	527	8,889	40
–	–	–	–	–	–	2	16	16	–	–	784	589	41
5	35	28	4	12	10	20	236	186	8,865	261	1,707	4,184	42
8	60	50	–	–	–	62	613	505	792	–	50	7,762	43
–	–	–	5	35	27	6	64	43	1,592	11,016	706	5,169	44
11	81	73	3	15	15	52	565	474	1,412	1,156	2,541	13,628	45
3	34	25	3	30	25	15	186	131	7,805	19,786	5,940	9,033	46
													47
6	56	45	12	60	44	9	195	136	5,011	15,561	1,095	12,862	48
–	–	–	1	25	25	8	105	76	2,746	3,888	–	4,277	49
3	25	22	12	75	70	7	104	91	4,629	7,879	13,625	22,991	50
2	43	24	17	171	165	4	118	94	–	–	1,665	32,903	51
3	54	42	100	1,125	753	12	637	486	6,189	1,201	133,437	427,301	52
30	**388**	**323**	**121**	**1,193**	**1,076**	**63**	**1,593**	**1,274**	**36,647**	**17,285**	**81,959**	**353,360**	
4	39	37	13	132	105	5	87	85	–	967	21,003	33,462	53
4	49	49	5	45	40	5	95	95	–	100	7,021	23,145	54
1	10	10	–	–	–	4	37	37	–	319	787	1,171	55

V. Miscellaneous Statistics of Dairy Factories, 1919—concluded.

V. Détails statistiques concernant l'industrie laitière, 1919—fin.

E. All Factories—Toutes fabriques

	Province and County or District — Provinces et comtés ou districts	Establishments — Etablissements	Time in Operation — Durée des opérations: Days operated during year — Journées de travail durant l'année	Time in Operation: Average Hours Worked — Moyenne des heures de travail: per day — par jour	per week — par semaine	Fuel Used — Combustible consommé: Coal — Charbon: tons — tonnes	$	Wood — Bois: cords — cordes	$	Other Fuel — Autre combustible $
		no.	no.							
	Manitoba—concluded—fin.									
1	Macdonald	2	310	10	65	30	330	24	189	
2	Marquette	6	1,375	10	58	680	4,446	220	1,288	
3	Neepawa	2	468	11	71	190	1,160	104	740	–
4	Nelson	1	180	10	60	–	–	65	353	–
5	Provencher	8	1,050	10	60	–	–	96	472	–
6	Selkirk	7	1,683	10	61	–	–	713	3,223	–
7	Souris	5	1,397	9	54	371	3,281	31	207	–
8	Springfield	5	1,076	9	56	38	447	70	330	–
9	Winnipeg	6	1,891	9	55	5,444	34,541	500	4,506	–
	Saskatchewan	**43**	**11,186**	**10**	**59**	**4,045**	**25,524**	**1,611**	**7,772**	**1,636**
10	Assiniboia	5	997	10	58	173	1,035	8	56	–
11	Battleford	4	1,244	9	57	343	1,888	2	15	–
12	Humboldt	7	1,921	10	58	422	2,318	440	2,132	72
13	Kindersley	2	440	10	60	137	787	1	11	–
14	Mackenzie	4	987	10	60	77	549	417	2,217	–
15	Moose Jaw	2	618	9	57	523	4,840	–	–	–
16	North Battleford	3	665	10	60	124	891	104	413	–
17	Prince Albert	7	1,692	10	60	110	702	484	2,110	40
18	Qu'Appelle	1	310	10	60	108	577	–	–	–
19	Regina	1	310	10	60	1,290	5,930	–	–	–
20	Saltcoats	3	930	10	60	95	1,023	155	818	–
21	Saskatoon	3	829	10	65	623	4,804	–	–	1,524
22	Swift Current	1	243	9	54	20	180	–	–	–
	Alberta	**58**	**14,590**	**9**	**56**	**6,373**	**32,135**	**478**	**1,552**	**5,758**
23	Battle River	4	1,038	11	69	373	2,188	86	362	131
24	Bow River	4	869	9	57	313	1,887	1	10	29
25	Calgary	8	2,249	10	59	518	2,417	42	156	3,694
26	Edmonton	9	2,122	9	52	2,939	12,103	47	136	714
27	Lethbridge	5	1,322	10	62	390	1,881	–	–	517
28	Macleod	1	192	8	32	50	400	22	77	–
29	Medicine Hat	1	365	9	63	–	–	–	–	309
30	Red Deer	17	4,518	9	53	1,222	7,983	236	635	326
31	Strathcona	3	469	9	56	150	899	40	160	–
32	Victoria	6	1,446	10	58	418	2,377	4	16	38
	British Columbia— Colombie Britannique	**32**	**9,427**	**9**	**55**	**1,137**	**9,072**	**4,658**	**19,081**	**12,921**
33	Cariboo	3	776	8	50	37	414	10	50	100
34	Comox-Alberni	2	730	8	55	654	3,924	375	1,087	–
35	Kootenay (West)	2	625	10	60	3	36	78	509	–
36	Nanaimo	3	937	8	44	26	260	195	890	–
37	New Westminster	4	1,039	9	59	85	856	1,850	7,157	–
38	Vancouver	7	2,183	8	52	88	732	1,679	6,908	–
39	Victoria	2	665	9	61	97	1,181	1	9	–
40	Westminster	5	1,253	9	59	90	958	350	1,752	12,821
41	Yale	4	1,219	9	54	57	711	120	719	–

V. Miscellaneous Statistics of Dairy Factories, 1919—concluded.

V. Détails statistiques concernant l'industrie laitière, 1919—fin.

E. All Factories—Toutes fabriques

Power Employed — Force motrice employée									Miscellaneous Expenses — Dépenses diverses				
Steam Engines — Machines à vapeur			Electric Motors — Moteurs électriques			Other Power — Autre force motrice							
Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Units — Unités	Total H.P. — Total chev.-vapeur	H.P. actually used — Chev.-vapeur effectivement utilisés	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express	Other miscellaneous expenses — Autres frais généraux	
no.	no.	no.	no.	no.	no.	no.	no.	no.	$	$	$	$	
2	18	16	–	–	–	2	30	24	–	–	271	1,068	1
5	84	69	–	–	–	6	143	123	–	565	11,530	9,221	2
1	40	15	–	–	–	2	52	25	–	–	2,500	1,090	3
1	7	7	–	–	–	1	20	20	–	–	457	1,847	4
1	15	10	–	–	–	8	85	67	–	–	78	647	5
5	45	41	–	–	–	8	155	112	–	986	4,396	6,457	6
5	75	63	–	–	–	5	95	65	–	–	5,576	4,545	7
1	6	6	1	15	15	5	79	56	–	–	3,956	1,680	8
–	–	–	102	1,001	916	12	715	565	36,647	14,348	27,384	269,027	9
26	**286**	**268**	**59**	**733**	**725**	**50**	**1,205**	**1,049**	**–**	**1,169**	**53,242**	**227,127**	
3	39	34	4	26	25	7	148	111	–	–	5,601	16,892	10
3	34	34	1	5	5	4	125	125	–	–	3,639	6,260	11
5	53	53	1	10	10	9	134	121	–	969	4,837	16,223	12
2	22	22	–	–	–	2	40	40	–	–	3,785	5,161	13
3	40	29	3	27	20	4	100	76	–	–	7,188	18,619	14
–	–	–	13	232	232	3	116	66	–	–	3,985	50,061	15
2	20	20	3	12	12	3	55	55	–	–	1,493	5,508	16
3	35	35	10	66	66	7	102	95	–	200	986	21,539	17
1	6	6	–	–	–	1	25	25	–	–	384	1,749	18
–	–	–	10	160	160	3	125	125	–	–	10,564	24,544	19
3	25	25	1	15	15	3	60	60	–	–	3,506	8,593	20
–	–	–	12	170	170	3	155	140	–	–	6,474	48,288	21
1	12	10	1	10	10	1	20	10	–	–	800	3,690	22
33	**398**	**345**	**79**	**934**	**920**	**60**	**1,284**	**1,148**	**–**	**10,513**	**115,263**	**363,071**	
4	41	32	–	–	–	5	67	64	–	758	4,855	18,773	23
2	19	17	1	3	2	5	56	54	–	653	200	2,142	24
4	55	43	28	322	309	7	269	239	–	–	34,641	44,160	25
3	53	53	34	475	475	7	195	195	–	6,281	57,107	188,529	26
3	48	48	4	43	43	5	132	97	–	231	1,698	16,735	27
–	–	–	–	–	–	1	50	20	–	–	72	142	28
–	–	–	7	50	50	1	50	50	–	–	806	3,291	29
12	136	106	3	26	26	19	276	250	–	1,419	8,548	51,986	30
1	8	8	–	–	–	3	45	35	–	100	–	8,401	31
4	38	38	2	15	15	7	144	144	–	1,071	7,336	28,912	32
12	**166**	**132**	**62**	**527**	**486**	**27**	**1,079**	**946**	**8,437**	**13,958**	**10,930**	**180,517**	
–	–	–	1	4	4	5	17	16	–	100	1,678	8,033	33
2	30	26	2	10	10	1	90	90	6,658	–	–	10,734	34
–	–	–	4	22	22	1	5	5	–	–	–	1,797	35
3	20	18	–	–	–	2	34	26	–	657	1,340	2,292	36
2	28	20	9	72	62	4	305	210	–	–	574	69,416	37
1	50	35	29	232	216	3	271	260	–	3,300	5,883	46,836	38
–	–	–	2	20	20	2	17	14	–	–	–	4,996	39
2	21	16	11	150	135	8	320	305	1,779	9,901	–	32,601	40
2	17	17	4	17	17	1	20	20	–	–	1,455	3,812	41

VI. Details of Fuel Used in all Dairy Factories by Provinces, 1919
VI. Consommation de combustible par l'industrie laitière, par provinces, 1919

	Province	Quantity and Value of — Quantité et valeur du			
		Coal — Charbon		Coke — Coke	
		tons—tonnes	$	tons—tonnes	$
	Canada	**89,068**	**640,193**	**394**	**3,664**
1	Prince Edward Island—Ile du Prince-Edouard	630	6,074	–	–
2	Nova Scotia—Nouvelle-Ecosse	2,805	21,814	–	–
3	New Brunswick—Nouveau-Brunswick	317	2,692	–	–
4	Québec	3,156	24,896	–	–
5	Ontario	62,918	468,265	394	3,664
6	Manitoba	7,687	49,721	–	–
7	Saskatchewan	4,045	25,524	–	–
8	Alberta	6,373	32,135	–	–
9	British Columbia—Colombie Britannique	1,137	9,072	–	–

VII. Details of Power Owned and Rented in all Dairy Factories, by Provinces, 1919
VII. Force motrice produite et louée, par l'industrie laitière par provinces, 1919

Province	Engines—Steam[1] — Machines à vapeur			Engines—Gas — Moteurs à gaz			Engines—Gasoline[1] — Moteurs à gasoline		
	No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés	No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés	No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés
Canada	**599**	**6,835**	**5,735**	**25**	**331**	**170**	**120**	**473**	**1,039**
Prince Edward Island—Ile du Pr.-Edouard	19	208	188	–	–	–	–	–	–
Nova Scotia—Nouvelle-Ecosse	18	239	184	1	8	8	3	13	13
New Brunswick—Nouveau-Brunswick	12	126	96	1	15	14	1	5	5
Quebec	–	–	75	–	–	–	–	–	610
Ontario	449	5,024	4,124	21	302	142	99	350	320
Manitoba	30	388	323	1	4	4	3	14	14
Saskatchewan	26	286	268	–	–	–	5	58	44
Alberta	33	398	345	–	–	–	7	25	25
British Columbia—Colombie Britannique	12	166	132	1	2	2	2	8	8

VIII. Details of Miscellaneous Expenses of all Dairy Factories by Provinces, 1919
VIII. Frais généraux de l'industrie laitière, par provinces, en 1919

	Provinces	Drawing milk — Collection du lait	Collecting cream — Collection de la crème	Express or freight on milk or cream delivered at factory — Transport du lait ou de la crème par fret ou express
		$	$	$
	Canada	**589,596**	**403,981**	**531,808**
1	Prince Edward Island—Ile du Prince-Edouard	30,169	5,515	2,546
2	Nova Scotia—Nouvelle-Ecosse	354	15,495	11,596
3	New Brunswick—Nouveau-Brunswick	–	2,205	9,412
4	Québec	–	–	–
5	Ontario	513,989	337,841	243,860
6	Manitoba	36,647	17,285	84,959
7	Saskatchewan	–	1,169	53,242
8	Alberta	–	10,513	115,263
9	British Columbia—Colombie Britannique	8,437	13,958	10,930

[1]The number of units and total horse power are exclusive of Quebec—For Quebec only horse-power actually used is shown.

[1]On ne possède pas d'indications sur le nombre d'unités ni sur leur capacité, pour la province de Québec; on ne donne pour cette province que le nombre de chevaux-vapeur effectivement utilisés.

VI. Details of Fuel Used in all Dairy Factories by Provinces, 1919
VI. Consommation de combustible par l'industrie laitière par provinces, 1919

Fuel used during the year — combustible consommé durant l'année									
Gasoline — Gazoline		Fuel Oil — Pétrole		Wood — Bois		Gas — Gaz	Other Fuel — Autre combustible	Total Value — Valeur totale	
gal.	$	gal.	$	cords — cordes	$	$	$	$	
50,974	**18,787**	**161,162**	**13,736**	**133,280**	**503,534**	**19,832**	**600**	**1,200,406**	
–	–	–	–	618	2,874	–	–	8,948	1
3,110	1,258	–	–	490	2,031	–	–	25,103	2
50	22	–	–	650	3,002	300	–	6,016	3
9,715	3,818	42	13	79,084	287,480	–	–	316,207	4
32,134	11,156	2,881	806	43,500	166,243	14,721	600	665,455	5
–	–	15	6	2,191	13,499	–	–	63,226	6
3,352	1,486	579	150	1,611	7,772	–	–	34,932	7
2,363	947	–	–	478	1,552	4,811	–	39,445	8
250	100	157,645	12,821	4,658	19,081	–	–	41,074	9

VII. Details of Power Owned and Rented in all Dairy Factories, by Provinces, 1919
VII. Force motrice, produite et louée, par l'industrie laitière, par provinces, 1919

Water Wheel — Turbines			Other Power — Autre force motrice			Electric Motors — Moteurs électriques			Electric Motors rented[1] — Courant électrique loué			Boilers[1] — Chaudières		
No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés	No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés	No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés	No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés	No. — N°	H.P. according to manufacturers' rating — Chev.-vapeur, maximum de capacité	H.P. actually used. — Chev.-vapeur effectivement utilisés	
–	–	**319**	**1**	**9**	**9**	**51**	**383**	**369**	**673**	**6,639**	**6,290**	**1,346**	**28,459**	**41,171**	
–	–	–	–	–	–	–	–	–	–	–	–	35	538	489	
–	–	–	–	–	–	–	–	–	11	60	53	24	564	451	
–	–	–	–	–	–	–	–	–	5	19	19	35	408	307	
–	–	319	–	–	–	–	–	–	–	–	357	–	–	17,292	
–	–	–	1	9	9	48	364	352	339	3,192	2,671	1,071	21,899	18,312	
–	–	–	–	–	–	–	–	–	121	1,193	1,076	59	1,575	1,256	
–	–	–	–	–	–	2	15	15	57	718	710	45	1,147	1,005	
–	–	–	–	–	–	–	–	–	79	934	920	53	1,259	1,123	
–	–	–	–	–	–	1	4	2	61	523	484	24	1,069	936	

VIII. Details of Miscellaneous Expenses of all Dairy Factories by Provinces, 1919
VIII. Frais généraux de l'industrie laitière, par provinces, en 1919

Rent of factory and office — Loyer de fabriques et de bureaux	Rent of power — Loyer de force motrice	Rent of machinery and repairs to buildings and machinery — Loyer de machinerie et réparations aux bâtiments et machines	Taxes — Taxes	Insurance and sundry expenses — Assurance et dépenses diverses	Total miscellaneous expenses — Total des frais généraux	
$	$	$	$	$	$	
61,333	**144,339**	**534,617**	**201,163**	**3,329,782**	**5,796,619**	
–	–	464	532	2,072	41,298	1
12	2,389	8,400	2,113	26,386	66,745	2
1,872	1,287	1,255	1,149	6,385	23,565	3
–	–	–	–	1,553,445	1,553,445	4
25,348	75,715	354,058	155,085	929,192	2,635,088	5
6,054	24,754	50,178	9,764	262,610	492,251	6
2,557	13,831	38,044	7,493	165,202	281,538	7
12,972	16,599	35,763	19,422	278,315	488,847	8
12,518	9,764	46,455	5,605	106,175	213,842	9

[1]The number of units and total horse power are exclusive of Quebec—For Quebec only horse-power actually used is shown.

[1]On ne possède pas d'indications sur le nombre d'unités ni sur leur capacité, pour la province de Québec; on ne donne pour cette province que le nombre de chevaux-vapeur effectivement utilisés.

IX. Days in Operation and Working Time, 1919

IX. Durée des opérations et heures de travail, 1919

Province	Total number of factories — Nombre total des fabriques	Number of Factories operating during the year— — Nombre de fabriques ayant travaillé					Number of Factories in which hours per day normally worked are— — Nombre de fabriques dont les heures normales de travail sont				
		Less than 60 days — Moins de 60 jours	From 60 to 119 days — Entre 60 et 119 jours	From 120 to 179 days — Entre 120 et 179 jours	From 180 to 239 days — Entre 180 et 239 jours	240 days and over — 240 jours et plus	Less than 8 hours — Moins de 8 heures	8 hours — 8 heures	9 hours — 9 heures	10 hours — 10 heures	Over 10 hours — Plus de 10 heures
	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.	no.
ALL FACTORIES—TOUTES FABRIQUES											
Canada	**3,282**	**11**	**115**	**1,191**	**1,202**	**763**	**26**[1]	**135**[1]	**131**[1]	**803**[1]	**319**[1]
Prince Edward Island—Ile du Pr.-Edouard	38	1	11	21	–	5	3	11	6	15	3
Nova Scotia—Nouvelle-Ecosse	25	–	1	3	3	18	1	5	6	13	–
New Brunswick—Nouveau-Brunswick	41	–	8	21	5	7	2	4	5	27	3
Québec	1,868	5	41	619	802	401	–	–	–	–	–
Ontario	1,121	1	46	496	364	214	16	74	88	641	302
Manitoba	56	–	4	17	5	30	1	10	5	34	6
Saskatchewan	43	2	1	5	5	30	–	1	9	33	–
Alberta	58	1	2	7	17	31	–	20	5	29	4
British Columbia—Colombie Britannique	32	1	1	2	1	27	3	10	7	11	1
CREAMERIES—BEURRERIES											
Canada	**1,018**	**8**	**17**	**152**	**395**	**446**	**11**	**62**	**54**	**235**	**25**
Prince Edward Island—Ile du Pr.-Edouard	10	–	2	5	–	3	2	2	1	5	–
Nova Scotia—Nouvelle-Ecosse	22	–	–	3	3	16	1	5	5	11	–
New Brunswick—Nouveau-Brunswick	17	–	2	3	5	7	–	3	1	13	–
Québec	621	3	7	102	325	194	–	–	–	–	–
Ontario	17	1	3	21	35	119	5	17	24	116	17
Manitoba	4	–	2	8	5	29	–	9	5	27	3
Saskatchewan	4	2	–	5	5	30	–	1	9	32	–
Alberta	48	1	1	4	16	26	–	16	4	24	4
British Columbia—Colombie Britannique	25	1	–	1	1	22	3	9	5	7	1
CHEESE FACTORIES—FROMAGERIES											
Canada	**1,787**	**3**	**91**	**973**	**608**	**112**	**15**	**65**	**67**	**527**	**280**
Prince Edward Island—Ile du Pr.-Edouard	20	1	9	10	–	–	1	6	4	8	1
Nova Scotia—Nouvelle-Ecosse	1	–	1	–	–	–	–	–	–	1	–
New Brunswick—Nouveau-Brunswick	24	–	6	18	–	–	2	1	4	14	3
Québec	833	2	29	468	290	44	–	–	–	–	–
Ontario	888	–	41	465	318	64	11	55	58	491	273
Manitoba	12	–	2	9	–	1	1	1	–	7	3
Saskatchewan	1	–	1	–	–	–	–	–	–	1	–
Alberta	5	–	1	2	–	2	–	2	1	2	–
British Columbia—Colombie Britannique	3	–	1	1	–	1	–	–	–	3	–
COMBINED BUTTER AND CHEESE FACTORIES—FABRIQUES DE BEURRE ET DE FROMAGE											
Canada	**453**	**–**	**7**	**66**	**198**	**182**	**–**	**7**	**3**	**26**	**14**
Prince Edward Island—Ile du Pr.-Edouard	7	–	–	6	–	1	–	3	–	2	2
Québec	403	–	5	49	187	162	–	–	–	–	–
Ontario	37	–	2	10	10	15	–	2	3	20	12
Alberta	5	–	–	1	1	3	–	2	–	3	–
British Columbia—Colombie Britannique	1	–	–	–	–	1	–	–	–	1	–
CONDENSED MILK FACTORIES—FABRIQUES DE LAIT CONDENSÉ											
Canada	**24**	**–**	**–**	**–**	**1**	**23**	**–**	**1**	**7**	**15**	**–**
Prince Edward Island—Ile du Pr.-Edouard	1	–	–	–	–	1	–	–	1	–	–
Nova Scotia—Nouvelle-Ecosse	2	–	–	–	–	2	–	–	1	1	–
Québec	1	–	–	–	–	1	–	–	–	–	–
Ontario	17	–	–	–	1	16	–	–	3	14	–
British Columbia—Colombie Britannique	3	–	–	–	–	3	–	1	2	–	–

[1]Exclusive of Quebec—A l'exclusion de Québec.

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X. Dairy Factories classified according to Character of Organization, 1919

X. Forme des organisations de l'industrie laitière, en 1919

Province	Total number of factories — Nombre total des fabriques	Dairy Factories operated by — Beurrerres et fromageries appartenant à des		
		Individuals and Partnerships — Particuliers et sociétés individuelles	Co-operative Associations — Associations co-opératives	Incorporated Companies — Compagnies incorporées
	no.	no.	no.	no.
All Factories—Toutes fabriques				
Canada	**3,282**	**2,378**[1]	**344**	**560**
Prince Edward Island—Ile du Prince-Edouard	38	–	23	15
Nova Scotia—Nouvelle-Ecosse	25	7[2]	7	11
New Brunswick—Nouveau-Brunswick	41	15[3]	16	10
Québec	1,868	1,619	176	73
Ontario	1,121	705[3]	76	340
Manitoba	56	13	9	34
Saskatchewan	43	8	20	15
Alberta	58	6	9	43
British Columbia—Colombie Britannique	32	5	8	19
Creameries—Beurreries				
Canada	**1,018**	**663**[4]	**143**	**212**
Prince Edward Island—Ile du Prince-Edouard	10	–	4	6
Nova Scotia—Nouvelle-Ecosse	22	7[2]	6	9
New Brunswick—Nouveau-Brunswick	17	7[3]	4	6
Québec	631	512	82	37
Ontario	179	112	5	62
Manitoba	44	6	7	31
Saskatchewan	42	8	20	14
Alberta	48	6	8	34
British Columbia—Colombie Britannique	25	5	7	13
Cheese Factories—Fromageries				
Canada	**1,787**	**1,316**	**170**	**301**
Prince Edward Island—Ile du Prince-Edouard	20	–	15	5
Nova Scotia—Nouvelle-Ecosse	1	–	1	–
New Brunswick—Nouveau-Brunswick	24	8	12	4
Québec	833	728	73	32
Ontario	888	573	66	249
Manitoba	12	7	2	3
Saskatchewan	1	–	–	1
Alberta	5	–	1	4
British Columbia—Colombie Britannique	3	–	–	3
Combined Butter and Cheese Factories—Fabriques de beurre et de fromage				
Canada	**453**	**398**[3]	**28**	**27**
Prince Edward Island—Ile du Prince-Edouard	7	–	4	3
Québec	403	379	21	3
Ontario	37	19[3]	2	16
Alberta	5	–	–	5
British Columbia—Colombie Britannique	1	–	1	–
Condensed Milk Factories—Fabriques de lait condensé				
Canada	**24**	**1**	**3**	**20**
Prince Edward Island—Ile du Prince-Edouard	1	–	–	1
Nova Scotia—Nouvelle-Ecosse	2	–	–	2
Québec	1	–	–	1
Ontario	17	1	3	13
British Columbia—Colombie Britannique	3	–	–	3

[1]Includes two factories operated by Dominion Government, and two by Provincial Government. Y compris deux manufactures exploitées par le gouvernement fédéral et deux autres par des gouvernements provinciaux.

[2]Includes two factories operated by Provincial Government—Y compris deux manufactures exploitées par le gouvernement provincial.

[3]Includes one factory operated by Dominion Government.—Y compris une manufacture exploitée par le gouvernement fédéral.

[4]Includes three factories operated by Provincial Governments.—Y compris trois manufactures exploitées par des gouvernements provinciaux.

XI. Miscellaneous Products of Dairy Factories, 1919

XI. Produits laitiers divers, 1919

Province	Whole milk sold — Lait frais vendu		Condensed milk — Lait condensé		Condensed skim milk — Lait écrémé condensé		Evaporated milk — Lait évaporé	
	gal.	$	lb.-liv.	$	lb.-liv.	$	lb.-liv.	$
Canada	**23,017,800**	**10,662,526**	**62,216,383**	**9,456,016**	**494,973**	**32,921**	**16,107,934**	**1,789,089**
Prince Edward Island	36,500	14,600	318,080	30,940	–	–	–	–
Nova Scotia	24,804	10,349	2,464,789	418,737	–	–	–	–
New Brunswick	266,906	133,113	–	–	–	–	–	–
Quebec	–	–	3,897,665	621,559	–	–	–	–
Ontario	16,171,203	7,219,153	55,535,849	8,384,780	58,623	4,401	11,894,014	1,279,165
Manitoba	2,345,547	1,237,469	–	–	222,040	15,543	–	–
Saskatchewan	1,071,802	598,001	–	–	–	–	–	–
Alberta	1,027,636	482,369	–	–	214,310	12,977	–	–
British Columbia	2,073,402	967,472	–	–	–	–	4,213,920	509,924

Province	Condensed coffee and cocoa — Cacao et café condensés		Sterilized milk — Lait stérilisé		Milk powder — Lait en poudre		Whey butter — Beurre de petit lait	
	lb.-liv.	$	lb.-liv.	$	lb.-liv.	$	lb.-liv.	$
Canada	**743,984**	**150,668**	**7,460,400**	**852,080**	**6,788,770**	**1,617,046**	**1,404,491**	**661,014**
Ile du Prince-Edouard	–	–	–	–	–	–	–	–
Nouvelle-Ecosse	743,984	150,668	–	–	–	–	–	–
Nouveau-Brunswick	–	–	–	–	–	–	–	–
Québec	–	–	–	–	–	–	–	–
Ontario	–	–	–	–	6,788,770	1,617,046	1,403,395	660,686
Manitoba	–	–	–	–	–	–	1,096	328
Saskatchewan	–	–	–	–	–	–	–	–
Alberta	–	–	–	–	–	–	–	–
Colombie Britannique	–	–	7,460,400	852,080	–	–	–	–

Province	Casein — Caséine		Cream sold — Crème		Ice cream — Crème à la glace		Buttermilk sold — Lait de beurre
	lb.-liv.	$	lb. but. fat	$	gal.	$	$
Canada	**199,703**	**32,693**	**6,505,394**	**4,826,226**	**2,854,070**	**3,634,686**	**256,491**
Prince Edward Island	–	–	12,045	9,855	–	–	2,319
Nova Scotia	700	105	179,526	132,305	44,767	55,143	7,688
New Brunswick	–	–	43,252	41,513	81,768	133,115	6,007
Quebec	–	–	9,000	5,467	–	–	–
Ontario	199,003	32,588	3,353,234	2,454,015	1,292,041	1,553,142	173,338
Manitoba	–	–	1,081,154	782,751	377,045	520,852	23,112
Saskatchewan	–	–	352,062	327,059	433,740	599,850	10,768
Alberta	–	–	758,241	490,210	454,610	578,642	21,236
British Columbia	–	–	716,880	583,051	120,099	193,942	12,023

Province	Miscellaneous[1] — Divers	Total value — Valeur total
	$	$
Canada	**266,993**	**34,238,449**
Ile du Prince-Edouard	–	57,714
Nouvelle-Ecosse	–	774,995
Nouveau-Brunswick	–	313,748
Québec	–	627,026
Ontario	257,777	23,636,091
Manitoba	–	2,580,055
Saskatchewan	–	1,535,678
Alberta	9,216	1,594,650
Colombie Britannique	–	3,118,492

[1] Includes curd cheese, skim milk, whey and whey cream.
[1] Y compris fromage vieilli, lait écrémé, petit lait et crème de petit lait.

XII. Imports into Canada of Butter and Cheese for home consumption, by principal countries, 1914-1920

XII. Importations au Canada de beurre et de fromage, par principaux pays de provenance, 1914-1920

BUTTER—BEURRE

Imported from — Importé de		1914	1915	1916	1917	1918	1919	1920
United Kingdom	lb.—liv.	91,900	66,259	64,456	2,864	–	–	–
Royaume-Uni	$	24,322	16,949	20,087	1,082	–	–	–
Australia	lb.—liv.	227,602	226,856	560	–	65,076	76,888	59,080
Australie	$	56,876	53,952	165	–	23,010	26,726	21,369
New Zealand	lb.—liv.	6,732,155	4,993,508	1,172,725	147,504	31,080	1,643,040	149,240
Nouvelle-Zélande	$	1,668,681	1,231,358	326,677	47,497	11,695	624,955	59,000
United States	lb.—liv.	262,840	1,534,332	3,072,050	846,689	337,813	203,372	188,271
Etats-Unis	$	73,419	375,394	745,860	230,232	101,540	62,462	96,098
Other countries	lb.—liv.	2,762	1,585	40	278	80	15,762	1,364
Autres pays	$	696	403	11	23	24	1,528	527
Total Imports	**lb.—liv.**	**7,317,259**	**6,822,540**	**4,309,831**	**997,335**	**434,049**	**1,939,062**	**397,955**
Total des importations	**$**	**1,823,994**	**1,678,056**	**1,092,800**	**278,834**	**136,269**	**715,671**	**176,994**

CHEESE—FROMAGE

United Kingdom	lb.—liv.	49,472	35,628	16,614	14,992	100	–	2,014
Royaume-Uni	$	12,066	8,366	5,154	5,592	20	–	1,014
New Zealand	lb.—liv.	138	5,541	–	–	–	–	–
Nouvelle-Zélande	$	18	676	–	–	–	–	–
Belgium	lb.—liv.	4,586	1,789	–	–	–	–	–
Belgique	$	743	333	–	–	–	–	–
France	lb.—liv.	189,857	83,939	57,303	60,617	2,900	1,745	7,692
	$	38,941	17,238	13,815	23,192	1,181	1,101	7,514
Germany	lb.—liv.	32,497	6,168	160	76	–	–	–
Allemagne	$	6,337	1,786	48	14	–	–	–
Greece	lb.—liv.	19,016	18,877	10,472	–	–	–	–
Grèce	$	2,491	2,209	1,168	–	–	–	–
Italy	lb.—liv.	695,333	490,176	278,086	245,729	5,848	6,893	3,486
Italie	$	140,013	102,049	56,116	67,153	2,249	2,465	3,169
Netherlands	lb.—liv.	36,756	38,833	8,590	–	–	–	–
Pays-Bas	$	4,965	6,062	1,775	–	–	–	–
Norway	lb.—liv.	3,521	6,607	599	–	–	–	–
Norvège	$	592	1,197	92	–	–	–	–
Switzerland	lb.—liv.	131,422	46,853	19,660	939	–	–	–
Suisse	$	22,641	8,114	4,132	288	–	–	–
United States	lb.—liv.	336,041	425,560	577,318	460,080	343,630	164,305	349,488
Etats-Unis	$	68,733	80,812	104,533	111,128	114,111	61,301	194,791
Other countries	lb.—liv.	13,469	2,494	3,019	2,788	2,791	–	13
Autres pays	$	1,683	252	1,040	1,073	1,074	–	12
Total Imports	**lb.—liv.**	**1,512,108**	**1,162,465**	**971,821**	**785,221**	**343,269**	**172,943**	**362,693**
Total des importations	**$**	**299,223**	**229,094**	**187,873**	**208,440**	**118,635**	**64,867**	**206,500**

XIII. Exports of Canadian Dairy Products, by Principal Countries, 1914-1920

XIII. Exportations des produits laitiers du Canada, par principaux pays de destination, 1914-1920

Milk, Fresh—Lait, frais.

Exported to — Exporté vers		1914	1915	1916	1917	1918	1919	1910
United States	gal.	307,188	477,692	394,831	760,805	1,116,362	827,973	1,985,113
Etats-Unis	$	47,645	68,205	59,028	130,492	241,527	226,777	576,666

Cream, Fresh—Crème, douce.

United States	gal.	1,323,909	1,895,575	1,262,280	803,498	585,601	485,015	795,780
Etats-Unis	$	1,289,655	1,836,006	1,131,832	777,771	666,401	620,725	1,122,424

Note.—In addition to the above, 20 gal. of fresh cream, valued at $25, went to Bermuda in 1914.
N.B.—De plus, 20 gall. de crème douce, évaluée à $25, ont été exportés aux Bermudes en 1914.

Milk and Cream, Condensed, Canned or Preserved.—Lait et crème condensés, en boîte ou en conserve.

United Kingdom	lb.—liv.	–	208,073	4,909,495	3,184,461	8,082,149	30,525,473	30,941,398
Royaume-Uni	$	–	12,075	258,448	300,117	1,129,225	4,530,933	5,031,162
British South Africa	lb.—liv.	–	4,600	268,840	179,492	504,000	96,000	2,018,160
Afrique anglaise du Sud	$	–	225	24,150	17,569	67,450	13,000	267,908
British West Indies	lb.—liv.	6,120	143,594	278,174	826,903	545,763	112,301	311,886
Antilles anglaises	$	662	12,384	25,549	96,010	90,176	21,737	44,641
Hong-Kong	lb.—liv.	105,350	123,100	34,118	93,315	122,550	26,400	166,815
	$	10,535	8,792	1,507	6,105	12,938	2,944	24,329
Newfoundland	lb.—liv.	210,700	183,760	228,301	422,189	652,242	514,336	954,330
Terre-Neuve	$	14,930	16,171	21,292	43,247	79,914	68,014	143,189
China	lb.—liv.	434,800	398,065	33,536	45,545	2,400	10,760	9,850
Chine	$	43,216	31,212	1,439	2,373	185	1,017	1,438
Cuba	lb.—liv.	1,063,400	–	9,595	582,588	666,974	–	31,500
	$	101,910	–	952	55,705	67,148	–	6,075
Japan	lb.—liv.	1,878,750	1,746,800	–	–	5,066	33,812	7,160
Japon	$	187,875	148,784	–	–	722	3,696	1,254
United States	lb.—liv.	5,573,737	15,455,340	7,256,991	8,505,195	24,191,048	17,554,913	15,466,673
Etats-Unis	$	301,177	945,189	423,724	702,240	2,486,279	2,058,831	2,214,166
Other countries	lb.—liv.	66,525	92,643	228,784	2,018,934	8,884,526	1,912,861[1]	(a)4,339726
Autres pays	$	6,636	6,468	13,505	148,044	1,021,011	335,125[1]	(a) 783,609
Total	**lb.—liv.**	**9,339,382**	**18,355,975**	**13,247,834**	**15,858,622**	**43,656,718**	**50,786,856**	**54,247,498**
	$	**666,941**	**1,181,300**	**770,566**	**1,371,610**	**4,955,048**	**7,035,297**	**8,517,771**

Butter—Beurre.

United Kingdom	lb.—liv.	138,349	585,605	1,950,137	7,121,568	3,311,591	9,915,131	3,932,674
Royaume-Uni	$	31,950	150,612	597,223	2,220,197	1,410,616	4,530,177	2,323,479
Bermuda	lb.—liv.	90,927	84,112	58,332	13,803	106,678	124,368	156,859
Bermudes	$	25,606	24,568	18,086	4,648	43,148	58,776	89,341
British South Africa	lb.—liv.	–	–	393,634	47,700	–	–	–
Afrique anglaise du Sud	$	–	–	108,169	13,107	–	–	–

		lb.—liv.	$
1. Includes exports to—France		1,043,290	186,626
Straits Settlements		9,600	800
Belgium		509,460	87,958
1. Comprend exportations —en France		1,043,290	186,626
aux Etablissements du Détroit		9,600	800
en Belgique		509,460	87,958
(a) Includes exports to—Gibraltar—	Compris exportations à Gibraltar	630,000	125,700
Belgium.	en Belgique	487,200	99,126
France.	en France	1,694,072	293,630
Greece.	en Grèce	315,768	63,266
Spain.	en Espagne	324,000	49,350

XIII. Exports of Canadian Dairy Products, by Principal Countries, 1914-1920

XIII. Exportations des produits laitiers du Canada, par principaux pays de destination, 1914-1920

BUTTER—concluded.—BEURRE—fin.

Exported to — Exporté vers		1914	1915	1916	1917	1918	1919	1920
British Guiana	lb.—liv.	19,088	13,402	21,317	28,869	43,449	41,658	14,458
Guyane anglaise	$	5,578	3,861	7,055	9,941	18,170	20,068	9,220
British West Indies	lb.—liv.	92,165	132,988	88,066	126,162	201,677	220,178	229,636
Antilles anglaises	$	27,970	41,710	30,170	50,101	96,265	125,170	149,969
Newfoundland	lb.—liv.	294,808	437,861	366,804	314,119	362,448	305,090	528,451
Terre-Neuve	$	79,669	121,548	110,950	108,549	150,857	148,416	308,358
Saint-Pierre et Miquelon	lb.—liv.	52,917	69,978	69,443	70,442	48,677	80,703	75,244
	$	13,497	17,368	18,042	20,960	19,730	35,491	39,554
Panama	lb.—liv.	11,920	14,020	144	1,872	2,592	200	720
	$	3,715	4,858	55	757	1,262	116	480
United States	lb.—liv.	500,623	1,367,171	205,029	253,038	840,398	2,918,651	10,693,311
Etats-Unis	$	111,894	268,541	42,665	59,068	256,657	1,199,226	5,712,727
Other countries	lb.—liv.	27,956	19,776	288,277	12,862	8,644	53,178	1,981,252
Autres pays	$	9,167	6,529	86,354	4,664	3,762	23,424	b1,211,231
Total	**lb.—liv.**	**1,228,753**	**2,724,913**	**3,441,183**	**7,990,435**	**4,926,154**	**13,659,157**	**17,612,605**
	$	**309,046**	**639,625**	**1,018,769**	**2,491,992**	**2,000,467**	**6,140,864**	**9,844,359**

	lb.	$
(b) Includes exports to Belgium—Les exportations en Belgique représentent	1,866,685	1,137,210

CHEESE.—FROMAGE.

United Kingdom	lb.—liv.	142,138,799	135,900,614	167,414,411	179,568,863	168,240,447	120,056,420	89,977,759
Royaume-Uni	$	18,533,880	18,936,704	26,398,013	36,463,272	36,277,359	27,525,634	25,720,370
Bermuda	lb.—liv.	139,422	166,612	121,662	57,023	98,079	162,124	98,145
Bermudes	$	20,397	26,478	23,325	12,641	26,220	46,683	29,353
British South Africa	lb.—liv.	169,806	401,295	721,537	503,586	399,539	–	2,019
Afrique du Sud anglaise	$	26,128	73,009	144,868	109,986	102,854	–	745
British Guiana	lb.—liv.	52,045	84,806	111,594	125,307	115,815	91,038	167,807
Guyane anglaise	$	8,581	14,765	20,932	28,700	31,052	24,572	56,182
British West Indies	lb.—liv.	157,544	124,637	78,708	92,155	100,310	103,601	219,801
Antilles anglaises	$	25,900	21,283	14,695	20,849	27,126	30,655	72,973
Newfoundland	lb.—liv.	376,308	495,998	287,442	246,213	472,945	352,237	706,845
Terre-Neuve	$	50,414	68,522	46,429	48,767	105,796	103,118	202,707
New Zealand	lb.—liv.	3,130	–	73,500	–	–	–	–
Nouvelle-Zélande	$	449	–	9,555	–	–	–	–
Danish West Indies	lb.—liv.	28,001	24,474	3,965	5,480	–	–	–
Antilles danoises	$	4,666	4,009	719	1,234	–	–	–
United States	lb.—liv.	1,346,128	253,809	103,308	91,399	79,707	150,065	6,031,404
Etats-Unis	$	187,335	39,461	22,514	24,930	25,511	48,265	1,575,264
Other countries	lb.—liv.	67,157	149,416	45,456	43,400	23,911	31,261,552[1]	c29,191,997
Autres pays	$	11,035	29,270	9,450	10,757	6,586	7,445,056	8,679,269
Total	**lb.—liv.**	**144,478,340**	**137,601,661**	**168,961,583**	**180,733,426**	**169,530,753**	**152,207,037**	**126,395,777**
	$	**18,868,785**	**19,213,501**	**26,690,500**	**36 721,136**	**36 602,504**	**35,223,983**	**36,336,863**

[1]Includes exports to France... lb. 31,212,070
[1]Les exportations en France représentent... $ 7,432,806

		lb.	$
(c) Includes exports to—Malta—	Compris exportations à Malte	122,424	37,702
Belgium.	en Belgique	23,415,744	6,970,469
Denmark.	en Danemark	323,643	83,873
France.	en France	2,823,231	836,711
Greece.	en Grèce	642,054	191,695
Italy.	en Italie	1,275,117	388,876
Japan.	au Japon	14,556	4,952
Sweden.	en Suède	506,546	144,460

XIV. Total Exports of Canadian Butter and Cheese, by Quantities and Values, 1901-1920

XIV. Total des exportations de beurre et de fromage canadiens, par quantités et valeur, 1901-1920

Year — Année	Butter — Beurre		Cheese — Fromage		Year — Année	Butter — Beurre		Cheese — Fromage	
	lb.—liv.	$	lb.—liv.	$		lb.—liv.	$	lb.—liv.	$
1901	16,335,528	3,295,663	195,926,397	20,696,951	1911	3,142,682	744,288	181,895,724	20,739,507
1902	27,855,978	5,660,541	200,946,401	19,686,291	1912	8,844,402	2,077,916	163,450,684	20,888,818
1903	34,128,944	6,954,618	229,099,925	24,712,943	1913	828,323	223,578	155,216,392	20,697,144
1904	24,568,001	4,724,155	233,980,716	24,184,566	1914	1,228,753	309,046	144,478,346	18,868,785
1905	31,764,303	5,930,379	215,733,259	20,300,500	1915	2,724,913	639,625	137,601,661	19,213,501
1906	34,031,525	7,075,539	215,834,543	24,433,169	1916	3,441,183	1,018,769	168,961,583	26,690,500
1907[1]	18,078,508	4,011,609	178,141,567	22,006,584	1917	7,990,435	2,491,992	180,733,426	36,721,136
1908	4,786,954	1,068,703	189,710,463	22,887,237	1918	4,926,154	2,000,467	169,530,753	36,602,504
1909	6,326,355	1,521,436	164,907,139	20,384,666	1919	13,659,157	6,140,864	152,207,037	35,223,983
1910	4,615,380	1,010,274	180,859,886	21,607,692	1920	17,612,605	9,844,359	126,395,777[2]	36,336,863

[1]Nine months.
[1]Neuf mois.

[2]The apparent large decrease in the exports of cheese for 1920 is due to the fact that over 16,000,000 pounds of cheese were held in Montreal for account of the British Ministry of Food on March 31 of that year. On the same date of previous years all the surplus had been exported. There will be a corresponding increase in the exports for the fiscal year ending March 31, 1921.

[2]Apparemment, les exportations de fromage en 1920 semblent présenter une diminution considérable; ceci est dû à ce que plus de 16,000,000 livres de fromage étaient détenues à Montréal le 31 mars de cette année pour le compte du Contrôle des Vivres du gouvernement britannique, tandis qu'à la même date des années précédentes, tout le surplus avait été exporté. Cette quantité de fromage accroitra d'autant les exportations de l'exercice budgétaire se terminant le 31 mars 1921.

CANADA

BUREAU FÉDÉRAL DE LA STATISTIQUE

INDUSTRIE LAITIÈRE

1919

Préparé en collaboration avec la Division de l'Industrie Laitière et de la Réfrigération du ministère fédéral de l'Agriculture, le Bureau des Statistiques de Québec et les Divisions de l'Industrie Laitière des ministères provinciaux de l'Agriculture.

IMPRIMÉ PAR ORDRE DU PARLEMENT

OTTAWA
THOMAS MULVEY
IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI
1920

[No 17*e*—1921.]

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PRÉFACE

Les statistiques de l'industrie laitière pour l'année 1919 sont publiées par le Bureau Fédéral de la Statistique en collaboration avec les ministères provinciaux de l'Agriculture. Les mêmes moyens de coopération embrassent toutes les provinces, seul le mode de recueillir les données diffère. Pour toutes les provinces, sauf Québec, une formule uniforme est rédigée et imprimée par les soins du Bureau Fédéral; dans les provinces maritimes, les provinces des prairies, la Colombie Britannique, les formules sont distribuées et les rapports recueillis et revisés par les administrations provinciales, qui les transmettent ensuite au Bureau pour être compilés; les statistiques ainsi obtenues servent également aux ministères fédéral et provinciaux. Le Bureau des Statistiques de Québec obtient des renseignements identiques par l'intermédiaire des inspecteurs de la Division laitière provinciale; il fait lui-même la compilation des informations recueillies dans sa province et en transmet le résultat au Bureau Fédéral. Les originaux des rapports des inspecteurs sont également communiqués à ce Bureau.

Cette manière de procéder assure l'uniformité des statistiques de l'industrie laitière publiées par les gouvernements fédéral et provinciaux et évite aux fabricants l'ennui d'un double rapport.

Les techniciens de la Division de l'Industrie Laitière et de la Réfrigération coopèrent également à ces opérations, en nous aidant de leurs conseils.

R. H. COATS,

Statisticien du Dominion.

Bureau Fédéral de la Statistique,
Ottawa, 22 novembre 1920.

NOTES SUR L'INDUSTRIE LAITIÈRE AU CANADA.

L'industrie laitière est l'une des plus anciennes du Canada; elle est maintenant devenue l'une des plus importantes. Elle doit son expansion et ses progrès à la création de manufactures pour la fabrication du beurre et du fromage, à l'invention de l'écrémeuse centrifuge et enfin aux récentes découvertes qui ont perfectionné la réfrigération dans les entrepôts.

La première fromagerie canadienne fut établie dans Ontario en 1864 et la première beurrerie canadienne vit le jour dans Québec en 1873. La première écrémeuse centrifuge fut importée du Danemark en 1882 et l'organisation gouvernementale des entrepôts frigorifiques remonte à l'année 1895. En 1868, le Canada exportait 6,141,570 livres de fromage et 10,649,733 livres de beurre. L'exportation du fromage atteignit son apogée en 1904, avec 233,980,716 livres et celle du beurre fut portée à son maximum en 1903 avec 34,128,944 livres. Les chiffres les plus récents, c'est-à-dire ceux des douze mois terminés le 31 mars 1920, révèlent l'exportation de 126,395,777 livres de fromage et 17,612,605 livres de beurre. La décroissance des exportations de beurre et de fromage n'implique pas la diminution de la production des produits laitiers, elle est plutôt la conséquence de l'augmentation de la consommation domestique, amenée par la croissance de la population urbaine depuis le commencement de ce siècle. C'est cet accroissement de population qui a augmenté considérablement la consommation du lait frais et qui a fait monter la fabrication du beurre pour la consommation au pays, au détriment du fromage destiné à l'exportation. Les besoins créés par la guerre et l'élévation des prix qui en fut la conséquence stimulèrent la fabrication du beurre et du fromage et firent hausser les exportations du beurre.

Les données statistiques de ce rapport embrassent uniquement la production des établissements industriels, mais ils ne comprennent ni le fromage ni le beurre faits dans les fermes, le beurre ainsi fabriqué portant le nom de beurre de ménage ou "dairy". Il résulte du recensement de 1911, qu'en l'année 1910 il avait été fabriqué dans les fermes 137,110,200 livres de beurre de ménage et 1,371,092 livres de fromage, ces quantités représentant respectivement 68 et 0·7 pour cent des totaux. Il n'est pas possible d'indiquer exactement l'importance actuelle de cette fabrication, mais l'augmentation croissante de la fabrication du beurre de beurrerie (creamery) semble indiquer une diminution de la fabrication du beurre de ménage. Les statistiques complètes de la fabrication des beurreries et des fromageries remontent à l'année 1900, date à laquelle la valeur totale des produits des établissements de l'industrie laitière s'élevait à $29,731,922; en 1919, cette même valeur atteignait $135,196,602, soit une augmentation de $105,464,680 au cours des 20 premières années de ce siècle. Le Commissaire de la Laiterie du ministère Fédéral de l'Agriculture évalue l'ensemble des produits laitiers du Canada, en l'année 1919, à $251,526,201, soit $135.196,602 pour les produits des établissements industriels, $56,250,000 pour le beurre de ménage et $60,079,599 pour le lait consommé frais, et distingué de celui livré aux fabriques.

On remarque aussi que, dans les dernières années, il s'est produit une augmentation considérable de la production du lait condensé, ce qui a fait fléchir la production du fromage. Les cultivateurs ayant trouvé plus avantageux d'envoyer leur lait aux fabriques de lait condensé plutôt qu'aux fromageries. La première fabrique de lait condensé fut établie à Truro, Nouvelle-Ecosse, en 1883; il existe maintenant au Canada 24 établissements industriels consacrés à la préparation du lait condensé, du lait évaporé, du lait stérilisé et du lait en poudre. La valeur totale des produits de ces établissements est passée de $269,520 en 1900 à $13,930,513 en 1919.

Introduction

Les tableaux statistiques que contient ce rapport donnent, par provinces, comtés ou districts, les résultats de la compilation des données relatives aux fabriques groupées dans les cinq catégories suivantes: (a) beurreries, (b) fromageries, (c) fabriques de beurre et de fromage, (d) fabriques de lait condensé et (e) toutes fabriques.

Ces informations comprennent tous les établissements en activité au Canada durant l'année 1919. Il a été reçu de chaque fabrique un rapport détaillé indiquant le capital engagé, le nombre des fournisseurs, la quantité de lait et de crème livrée aux fabriques; les sommes payées aux fournisseurs; la quantité et la valeur du beurre, du fromage et autres produits laitiers; enfin la durée des opérations, le personnel et ses gains, les heures de travail; le combustible consommé; la force motrice utilisée et les frais généraux.

Etablissements, fournisseurs et nombre de vaches

En 1919, l'industrie laitière possédait 3,282 établissements en exploitation, soit 1,018 beurreries, 1,787 fromageries, 453 fromageries et beurreries combinées et 24 fabriques de lait condensé. On remarque une augmentation de 28 beurreries et de deux fabriques de lait condensé sur l'année précédente, tandis que les fromageries et les fabriques combinées ont baissé de 98 et 23 respectivement. Le nombre des fournisseurs, c'est-à-dire des fermiers qui alimentaient de lait et de crème ces établissements, s'élevait à 275,060 en 1919, contre 252,416 en 1918. En raison de leur accroissement, les beurreries et les fabriques de lait condensé ont attiré un plus grand nombre de fournisseurs que les fromageries et les fabriques combinées, qui étaient à la baisse cette année-là.

En 1919, les établissements de l'industrie laitière ont été alimentés par le lait de 1,648,442 vaches, soit une augmentation de plus de cent mille sur l'année 1918.

Le tableau suivant indique, par provinces, le nombre d'établissements de l'industrie laitière, de leur fournisseurs et des vaches qui les alimentent en 1917, 1918 et 1919.

1. Nombre d'établissements de l'industrie laitière, de leurs fournisseurs et des vaches qui les alimentent, en 1917, 1918 et 1919

ETABLISSEMENTS

Provinces	Beurreries			Fromageries		
	1917	1918	1919	1917	1918	1919
	nombre	nombre	nombre	nombre	nombre	nombre
Ile du Prince-Edouard	11	8	10	23	23	20
Nouvelle-Ecosse	22	22	22	3	2	1
Nouveau-Brunswick	15	17	17	24	24	24
Québec	598	628	631	895	900	833
Ontario	154	164	179	923	910	888
Manitoba	41	40	44	23	18	12
Saskatchewan	31	38	42	–	1	1
Alberta	53	50	48	7	5	5
Colombie Britannique	24	23	25	2	2	3
Totaux	**949**	**990**	**1,018**	**1,900**	**1,885**	**1,787**

1. Nombre d'établissements de l'industrie laitière, de leurs fournisseurs et des vaches qui les alimentent, en 1917, 1918 et 1919—suite.

ETABLISSEMENTS—*fin.*

Provinces	Fabriques de beurre et de fromage			Fabriques de lait condensé			Total		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	nombre	nombre	nombre	nombre	nombre	nombre	nombre	nombre	nombre
Ile du Prince-Edouard	5	5	7	1	1	1	40	37	38
Nouvelle-Ecosse	–	–	–	2	2	2	27	26	25
Nouveau-Brunswick	2	1	–	–	–	–	41	42	41
Québec	482	425	403	1	1	1	1,976	1,954	1,868
Ontario	45	37	37	13	15	17	1,135	1,126	1,121
Manitoba	–	1	–	–	–	–	64	59	56
Saskatchewan	–	–	–	–	–	–	31	39	43
Alberta	13	6	5	–	–	–	73	61	58
Colombie Britannique	2	1	1	3	3	3	31	29	32
Total	**549**	**476**	**453**	**20**	**22**	**24**	**3,418**	**3,373**	**3,282**

FOURNISSEURS

Provinces	Fournisseurs des beurreries			Fournisseurs des fromageries		
	1917	1918	1919	1917	1918	1919
	nombre	nombre	nombre	nombre	nombre	nombre
Ile du Prince-Edouard	1,140	1,117	1,532	1,891	1,726	1,509
Nouvelle-Ecosse	4,211	4,052	4,990	66	53	35
Nouveau-Brunswick	932	1,477	1,563	634	616	628
Québec	39,354	39,690	38,482	23,429	23,738	22,419
Ontario	45,114	45,715	54,644	40,237	39,030	36,870
Manitoba	21,116	26,354	29,412	632	495	265
Saskatchewan	14,389	16,413	26,281	–	17	38
Alberta	11,240	14,038	17,114	125	428	532
Colombie Britannique	1,536	2,117	2,644	16	105	126
Total	**139,032**	**150,973**	**176,662**	**67,030**	**66,208**	**62,422**

Provinces	Fournisseurs des fabriques de beurre et de fromage			Fournisseurs des fabriques de lait condensé			Total		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	nombre	nombre	nombre	nombre	nombre	nombre	nombre	nombre	nombre
Ile du Prince-Edouard	698	753	944	108	132	144	3,837	3,728	4,129
Nouvelle-Ecosse	–	–	–	225	240	238	4,502	4,345	5,263
Nouveau-Brunswick	95	60	–	–	–	–	1,661	2,153	2,191
Québec	18,852	16,403	17,764	149	180	350	81,784	80,011	79,015
Ontario	7,465	3,970	3,421	3,439	3,682	4,836	96,255	92,397	99,771
Manitoba	–	18	–	–	–	–	21,748	26,867	29,677
Saskatchewan	–	–	–	–	–	–	14,389	16,430	26,319
Alberta	11,108	9,445	7,807	–	–	–	22,473	23,911	25,453
Colombie Britannique	126	40	40	356	312	432	2,034	2,574	3,242
Total	**38,344**	**30,689**	**29,976**	**4,277**	**4,546**	**6,000**	**248,683**	**252,416**	**275,060**

VACHES[1]

Provinces	Vaches ayant alimenté les			
	Beurreries		Fromageries	
	1918	1919	1918	1919
	nombre	nombre	nombre	nombre
Ile du Prince-Edouard	4,470	5,649	7,232	7,063
Nouvelle-Ecosse	18,534	20,300	270	220
Nouveau-Brunswick	6,998	9,632	5,017	5,548
Québec	266,157	265,316	177,636	170,267
Ontario	238,462	295,457	347,256	349,538
Manitoba	97,245	82,438	3,053	1,674
Saskatchewan	55,504	67,215	125	120
Alberta	56,027	65,738	1,230	2,990
Colombie Britannique	14,040	27,414	590	950
Total	**757,437**	**839,159**	**542,409**	**538,370**

[1]Les chiffres de 1917, quant aux vaches, n'étant qu'approximatifs, ils ont été éliminés de ce tableau.

DOC. PARLEMENTAIRE No 17e

1. Nombre d'établissements de l'industrie laitière, de leurs fournisseurs et des vaches qui les alimentent, en 1917, 1918 et 1919—fin.

VACHES—*fin.*

Provinces	Vaches ayant alimenté les					
	Fabriques de beurre et de fromage		Fabriques de lait condensé		Toutes fabriques	
	1918	1919	1918	1919	1918	1919
	nombre	nombre	nombre	nombre	nombre	nombre
Ile du Prince-Edouard	2,890	3,465	850	940	15,442	17,117
Nouvelle-Ecosse	–	–	2,460	2,660	21,264	23,180
Nouveau-Brunswick	250	–	–	–	12,265	15,180
Québec	118,917	125,871	4,179	3,200	566,889	564,654
Ontario	21,513	25,805	56,081	76,447	663,312	747,247
Manitoba	40	–	–	–	100,338	84,112
Saskatchewan	–	–	–	–	55,629	67,335
Alberta	20,275	28,195	–	–	77,532	96,923
Colombie Britannique	150	200	5,866	4,130	20,646	32,694
Total	**164,035**	**183,536**	**69,436**	**87,377**	**1,533,317**	**1,648,442**

Livraisons de lait et de crème

Toutes les fabriques réunies ont absorbé 2,821,149,557 livres de lait et 71,351,336 livres de crème, exprimées en livres de butyrine, contre 2,772,676,533 livres de lait et 61,959,088 livres de butyrine en 1918. On constate une augmentation considérable de la quantité de lait livrée aux beurreries et aux fabriques de lait condensé, et une diminution en ce qui concerne les fromageries et les beurreries et fromageries combinées.

Quant aux livraisons de crème, elles ont été plus élevées dans les beurreries et les beurreries et fromageries combinées qu'en 1918, tandis qu'elles étaient en décroissance dans les fabriques de lait condensé.

Ces chiffres sont détaillés, par provinces, dans le tableau suivant:

2. Lait et crème livrés aux fabriques de beurre et de fromage en 1917, 1918 et 1919

Provinces	Lait livré aux beurreries			Lait livré aux fromageries		
	1917	1918	1919	1917	1918	1919
	liv.	liv.	liv.	liv.	liv.	liv.
Ile du Prince-Edouard	87,685	–	–	17,140,464	16,231,551	17,888,773
Nouvelle-Ecosse	657,446	196,280	655,798	748,732	656,288	504,923
Nouveau-Brunswick	1,456,233	3,373,445	3,313,308	11,911,909	11,697,262	12,943,594
Québec	380,035,956	361,431,241	366,786,689	409,243,347	399,003,654	389,458,628
Ontario	29,123,376	61,082,135	107,111,553	1,276,571,512	1,152,512,319	1,125,644,718
Manitoba	27,492,868	24,917,444	25,792,000	10,159,096	6,757,394	4,456,804
Saskatchewan	9,395,035	11,341,625	12,772,519	–	151,049	357,025
Alberta	10,700,952	3,971,125	3,969,582	1,041,303	2,774,104	8,035,292
Colombie Britannique	10,788,095	21,541,592	27,586,304	355,003	2,129,797	2,863,627
Total	**469,737,646**	**487,854,887**	**547,987,753**	**1,727,171,366**	**1,591,913,418**	**1,562,153,384**

Provinces	Lait livré aux fabriques de beurre et de fromage			Lait livré aux fabriques de lait condensé		
	1917	1918	1919	1917	1918	1919
	liv.	liv.	liv.	liv.	liv.	liv.
Ile du Prince-Edouard	6,790,120	7,136,155	8,466,865	1,448,676	1,467,425	1,319,266
Nouvelle-Ecosse	–	–	–	6,207,475	7,281,225	8,086,978
Nouveau-Brunswick	719,970	383,300	–	–	–	–
Québec	366,888,662	325,648,697	319,786,783	10,395,194	12,537,467	9,743,000
Ontario	103,873,560	83,442,385	78,412,627	157,805,002	216,237,844	255,877,113
Manitoba	–	5,000	–	–	–	–
Saskatchewan	–	–	–	–	–	–
Alberta	26,865,310	15,311,259	11,853,138	–	–	–
Colombie Britannique	4,617,310	203,000	145,000	19,815,342	23,254,471	17,317,650
Total	**509,754,932**	**432,129,796**	**418,664,413**	**195,671,689**	**260,778,432**	**292,344,007**

2. Lait et crème livrés aux fabriques de beurre et de fromage en 1917, 1918 et 1919—fin.

Provinces	Total du lait livré à toutes les fabriques.		
	1917	1918	1919
	liv.	liv.	liv.
Ile du Prince-Edouard	25,466,945	24,835,131	27,674,904
Nouvelle-Ecosse	7,613,653	8,133,793	9,247,699
Nouveau-Brunswick	14,088,112	15,454,007	16,256,902
Québec	1,166,563,159	1,098,621,059	1,085,775,100
Ontario	1,567,602,673	1,513,274,683	1,567,046,011
Manitoba	37,651,964	31,679,838	30,248,804
Saskatchewan	9,395,035	11,492,674	13,129,544
Alberta	38,607,565	22,056,488	23,858,012
Colombie Britannique	35,575,750	47,128,860	47,912,581
Total	**2,902,564,856**	**2,772,676,533**	**2,821,149,557**

Provinces	Crème livrée aux beurreries			Crème livrée aux fabriques de beurre et de fromage		
	1917	1918	1919	1917	1918	1919
	liv. de butyrine	liv. de butyrine	liv. de butyrine	liv. de butyrine	liv. de butyrine	liv. de butyrine
Ile du Prince-Edouard	431,256	459,568	633,910	35,939	32,128	66,331
Nouvelle-Ecosse	1,510,870	1,586,607	1,923,786	–	–	–
Nouveau-Brunswick	422,532	548,783	809,466	66,022	22,245	–
Québec	8,918,145	10,145,011	12,174,111	3,672,682	1,376,557	1,356,033
Ontario	22,992,747	24,901,362	27,630,651	1,668,900	1,087,234	1,222,496
Manitoba	6,230,449	7,593,000	7,395,323	–	5,064	–
Saskatchewan	3,586,442	4,219,732	5,801,486	–	–	–
Alberta	4,458,054	5,602,110	7,468,333	3,493,065	2,183,286	2,939,589
Colombie Britannique	1,098,117	1,525,727	1,661,542	74,661	18,500	18,200
Total	49,648,612	56,581,900	65,498,608	9,011,269	4,725,014	5,602,649

Provinces	Crème livrée aux fabriques de lait condensé			Total de la crème livrée		
	1917	1918	1919	1917	1918	1919
	liv. de butyrine	liv. de butyrine	liv. de butyrine	liv. de butyrine	liv. de butyrine	liv. de butyrine
Ile du Prince-Edouard	36,348	51,817	63,418	503,543	543,513	763,659
Nouvelle-Ecosse	–	2,014	5,775	1,510,870	1,588,621	1,929,561
Nouveau-Brunswick	–	–	–	488,554	571,028	809,466
Québec	–	–	–	12,590,827	11,521,568	13,530,144
Ontario	114,453	598,343	180,886	24,776,100	26,586,939	29,034,033
Manitoba	–	–	–	6,230,449	7,598,064	7,395,323
Saskatchewan	–	–	–	3,586,442	4,219,732	5,801,486
Alberta	–	–	–	7,951,119	7,785,396	10,407,922
Colombie Britannique	–	–	–	1,172,778	1,544,227	1,679,742
Total	**150,801**	**652,174**	**250,079**	**58,810,682**	**61,959,088**	**71,351,336**

Sommes payées aux fournisseurs

Les fournisseurs de lait et de crème qui avaient reçu, en 1918, en paiement de leurs produits, la somme de $83,637,391, ont reçu en 1919, $107,412,542, soit près de $24,000,000 de plus que l'année précédente.

On constate des augmentations dans toutes les catégories. Les beurreries ont vu leurs paiements à leurs fournisseurs s'augmenter de $13,890,471 en 1919. Les fromageries et les fabriques combinées ont dû également débourser une somme de $5,000,000 de plus que l'année précédente pour la crème reçue et $2,500,000 pour le lait.

La seule province qui indique une baisse dans la somme payée aux fournisseurs est la Colombie Britannique, et cette diminution est bien légère puisqu'elle ne s'élève qu'à $8,000.

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Le tableau qui suit donne, par provinces, les sommes payées aux fournisseurs.

3. Sommes payées aux fournisseurs

Provinces	Fournisseurs des beurreries			Fournisseurs des fromageries			Fournisseurs des beurreries et fromageries combinées		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	$	$	$	$	$	$	$	$	$
Ile du Prince-Edouard	184,169	226,190	367,177	286,305	293,750	372,854	129,617	145,108	218,139
Nouvelle-Ecosse	666,983	783,312	1,163,034	12,792	11,694	11,283	–	–	–
Nouveau-Brunswick	218,408	348,805	580,619	221,773	229,240	317,188	40,876	17,676	–
Quebec	10,419,772	12,439,514	15,979,246	7,449,955	7,601,535	8,818,945	7,273,657	6,881,979	8,273,868
Ontario	9,242,126	13,071,060	19,111,856	22,265,868	21,181,557	25,069,782	2,656,495	2,353,649	2,795,337
Manitoba	2,939,676	4,337,095	4,817,568	166,126	127,524	97,786	–	2,381	–
Saskatchewan	1,349,227	2,179,719	3,373,317	–	2,600	10,109	–	–	–
Alberta	1,706,806	2,525,031	4,017,669	16,037	53,565	197,856	1,596,305	1,238,104	1,806,410
Colombie Britannique	773,588	1,641,973	2,032,684	7,865	54,256	71,335	235,204	12,060	14,545
Total	**27,500,755**	**37,552,699**	**51,443,170**	**30,426,721**	**29,555,721**	**34,967,138**	**11,932,154**	**10,650,957**	**13,108,299**

Provinces	Fournisseurs des fabriques de lait condensé			Total pour toutes les fabriques		
	1917	1918	1919	1917	1918	1919
	$	$	$	$	$	$
Ile du Prince-Edouard	34,601	45,200	71,107	634,692	710,248	1,029,277
Nouvelle-Ecosse	114,650	157,674	226,691	794,425	952,680	1,401,008
Nouveau-Brunswick	–	–	–	481,057	595,721	897,807
Québec	195,115	283,338	234,898	25,338,499	27,206,366	33,306,957
Ontario	3,420,556	4,823,591	6,810,810	37,585,045	41,429,857	53,787,785
Manitoba	–	–	–	3,105,802	4,467,000	4,915,354
Saskatchewan	–	–	–	1,349,227	2,182,319	3,383,426
Alberta	–	–	–	3,319,148	3,816,700	6,021,935
Colombie Britannique	239,293	568,211	550,429	1,255,950	2,276,500	2,668,993
Total	**4,004,215**	**5,878,014**	**7,893,935**	**73,863,845**	**83,637,391**	**107,412,542**

Production et valeur du beurre et du fromage

Beurre.—En 1919, il a été produit 103,890,707 livres de beurre de fabrique (creamery) valant $56,371,985, au lieu de 93,298,348 livres, valant $41,859,156 en 1918. Pour l'ensemble du Canada, la moyenne du prix du beurre a été de 54 cents en 1919 contre 45 cents en 1918. En Colombie Britannique, la moyenne du prix par livre était de 61 cents. Le prix dans les autres provinces varie de 51½ cents en Alberta à 56 cents dans la Nouvelle-Ecosse. Une légère décroissance de la production se manifeste au Manitoba seulement; dans toutes les autres provinces, la production s'est accrue.

Fromage.—La production totale du fromage de fabrique s'est élevée, en 1919, à 166,421,871 livres, c'est-à-dire une diminution de 8,000,000 de livres sur 1918. Toutefois, la moyenne du prix par livre qui était de 22½ cents en 1918 a atteint 26½ cents en 1919, si bien que la valeur totale représentait une augmentation de $5,000,000. ($44,586,168 en 1919 et $39,456,532 en 1918.)

Les provinces d'Ontario et de Québec fabriquent presque tout le fromage mis sur le marché; la production dans les autres provinces est relativement insignifiante.

Les tableaux 4, 5 et 6 indiquent, par provinces, la production, la valeur et la moyenne du prix par livre, du beurre et du fromage de fabrique pour les années 1917, 1918 et 1919.

4. Production du beurre de fabrique, par quantités et valeur, en 1917, 1918 et 1919

PRODUCTION DU BEURRE DANS LES BEURRERIES

Provinces	1917		1918		1919	
	liv.	$	liv.	$	liv.	$
Ile du Prince-Edouard	513,520	205,368	548,924	249,039	747,825	400,693
Nouvelle-Ecosse	1,746,662	711,652	1,756,905	808,755	2,102,419	1,183,762
Nouveau-Brunswick	498,173	206,564	633,316	290,539	910,504	503,714
Québec	28,726,626	11,404,337	30,839,505	13,722,990	30,680,200	16,957,549
Ontario	26,288,847	10,241,545	26,969,588	12,003,063	31,921,695	17,243,316
Manitoba	7,050,921	2,595,472	8,431,962	3,895,041	8,268,342	4,350,693
Saskatchewan	4,220,758	1,575,965	5,009,014	2,221,403	6,622,572	3,495,172
Alberta	4,998,096	1,887,262	6,597,319	2,934,705	8,771,137	4,538,993
Colombie Britannique	1,201,646	555,747	1,560,478	797,782	1,646,820	1,005,686
Total	**75,245,249**	**29,383,912**	**82,347,011**	**36,923,317**	**91,671,514**	**49,679,578**

PRODUCTION DU BEURRE DANS LES FABRIQUES DE BEURRE ET DE FROMAGE COMBINÉES

Provinces	1917		1918		1919	
	liv.	$	liv.	$	liv.	$
Ile du Prince-Edouard	41,345	16,762	37,893	17,065	83,939	44,494
Nouveau-Brunswick	67,526	27,122	26,694	12,279	–	–
Québec	5,665,934	2,284,973	5,921,552	2,641,960	7,001,166	3,899,974
Ontario	1,694,509	664,523	1,160,095	546,935	881,255	492,351
Manitoba	–	–	5,000	2,435	–	–
Alberta	3,945,875	1,527,279	2,455,918	1,091,146	3,051,753	1,593,740
Colombie Britannique	93,097	38,876	21,446	10,079	21,470	13,311
Total	**11,508,286**	**4,559,535**	**9,628,598**	**4,321,899**	**11,039,583**	**6,043,870**

PRODUCTION TOTALE DU BEURRE (TOUTES FABRIQUES)

Provinces	1917		1918		1919	
	liv.	$	liv.	$	liv.	$
Ile du Prince-Edouard	554,865	222,130	586,817	266,104	905,752[3]	485,880
Nouvelle-Ecosse	1,746,662	711,652	1,756,905	808,755	2,107,429[4]	1,186,322
Nouveau-Brunswick	565,699	233,686	660,010	302,818	910,504	503,714
Québec	34,392,562	13,689,310	36,761,057	16,364,950	37,681,366	20,857,523
Ontario	28,756,758[1]	11,236,839[1]	29,452,422[2]	13,163,938[2]	33,903,562[5]	18,340,951
Manitoba	7,050,921	2,595,472	8,436,962	3,897,476	8,268,342	4,350,693
Saskatchewan	4,220,758	1,575,965	5,009,014	2,221,403	6,622,572	3,495,172
Alberta	8,943,971	3,414,541	9,053,237	4,025,851	11,822,890	6,132,733
Colombie Britannique	1,294,743	594,623	1,581,924	807,861	1,668,290	1,018,997
Total	**87,526,939[1]**	**34,274,218[1]**	**93,298,348[2]**	**41,858,156[2]**	**103,890,707[6]**	**56,371,985**

[1] Y compris 773,402 liv. de beurre, valant $330,771, produites dans les fabriques de lait condensé d'Ontario et de l'Ile du Prince-Edouard.
[2] Y compris 1,322,739 liv. de beurre, valant $613,940, produites dans les fabriques de lait condensé d'Ontario et de l'Ile du Prince-Edouard.
[3] Y compris 73,988 liv. de beurre, valant $40,693, produites dans les fabriques de lait condensé de l'Ile du Prince-Edouard.
[4] Y compris 5,010 liv. de beurre, valant $2,560, produites dans les fabriques de lait condensé de la Nouvelle-Ecosse.
[5] Y compris 1,100,612 liv. de beurre, valant $605,284, produites dans les fabriques de lait condensé du Canada.
[6] Y compris 1,179,610 liv. de beurre valant $648,537, produits dans les fabriques de lait condensé du Canada.

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5. Production du fromage de fabrique, par quantités et valeur, en 1917, 1918 et 1919

PRODUCTION DU FROMAGE DANS LES FROMAGERIES

Provinces	1917		1918		1919	
	liv.	$	liv.	$	liv.	$
Ile du Prince-Edouard	1,599,885	333,723	1,535,871	350,606	1,677,431	432,502
Nouvelle-Ecosse	67,497	14,269	61,195	13,897	47,360	12,952
Nouveau-Brunswick	1,188,296	245,629	1,149,367	259,431	1,252,849	349,794
Québec	40,024,037	8,361,081	39,117,406	8,776,902	37,938,878	10,001,712
Ontario	114,319,617	24,318,420	102,874,662	23,213,520	99,046,731	26,744,016
Manitoba	1,003,646	199,036	657,085	143,696	423,855	111,898
Saskatchewan	–	–	13,573	3,257	35,452	11,527
Alberta	104,649	22,692	184,908	43,431	305,598	80,195
Colombie Britannique	35,000	10,655	230,347	56,076	289,502	83,805
Total	**158,342,627**	**33,505,505**	**145,824,414**	**32,860,816**	**141,017,656**	**37,828,401**

PRODUCTION DU FROMAGE DANS LES FABRIQUES DE BEURRE ET DE FROMAGE COMBINÉES

Provinces	1917		1918		1919	
	liv.	$	liv.	$	liv.	$
Ile du Prince-Edouard	635,100	132,594	665,497	152,677	795,132	208,067
Nouveau-Brunswick	55,810	12,016	35,858	8,146	–	–
Québec	27,810,980	5,811,192	22,952,756	5,199,964	20,105,841	5,303,776
Ontario	6,853,469	1,453,524	4,839,569	1,099,436	4,200,092	1,156,470
Manitoba	–	–	500	125	–	–
Alberta	1,170,256	257,493	367,926	87,480	214,932	64,963
Colombie Britannique	36,094	8,299	19,300	4,825	15,000	4,500
Total	**36,561,709**	**7,675,118**	**28,881,406**	**6,552,653**	**25,330,997**	**6,737,776**

PRODUCTION TOTALE DU FROMAGE (TOUTES FABRIQUES)

Provinces	1917		1918		1919	
	liv.	$	liv.	$	liv.	$
Ile du Prince-Edouard	2,234,985	466,317	2,201,368	503,283	2,472,563	640,569
Nouvelle-Ecosse	67,497	14,269	61,195	13,897	47,360	12,952
Nouveau-Brunswick	1,244,106	257,645	1,185,225	267,577	1,252,849	349,794
Québec	67,835,017	14,172,273	62,070,162	13,976,866	58,044,719	15,305,488
Ontario	121,173,086	25,771,944	107,886,724[1]	24,356,019[1]	103,320,041[2]	27,920,477[2]
Manitoba	1,003,646	199,036	657,585	143,821	423,855	111,898
Saskatchewan	–	–	13,573	3,257	35,452	11,527
Alberta	1,274,905	280,185	552,834	130,911	520,530	145,158
Colombie Britannique	71,094	18,954	249,647	60,901	304,502	88,305
Total	**194,904,336**	**41,180,623**	**174,878,313[1]**	**39,456,532[1]**	**166,421,871[2]**	**44,586,168[2]**

[1] Y compris 172,493 liv. de fromage, valant $43,063, produites dans les fabriques de lait condensé d'Ontario.
[2] Y compris 73,218 liv. de fromage, valant $19,991, produites dans les fabriques de lait condensé d'Ontario.

6. Prix en gros, par livre, du beurre et du fromage de fabrique en 1917, 1918 et 1919

Provinces	Beurre dans les beurreries			Beurre dans les fabriques de beurre et de fromage			Beurre dans toutes fabriques		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	cents	cents	cents	cents	cents	cents	cents	cents	cents
Ile du Prince-Edouard	40·00	45·36	53·64	40·54	45·03	53·00	40·17	45·34	53·58
Nouvelle-Ecosse	40·74	46·05	56·30	–	–	–	40·74	46·03	56·30
Nouveau-Brunswick	41·46	45·87	55·32	40·17	45·99	–	41·30	45·88	55·32
Québec	39·70	44·49	55·27	40·33	44·61	55·70	39·80	44·51	55·35
Ontario	38·96	44·50	54·01	39·22	47·14	55·86	39·07	44·69	54·09
Manitoba	36·81	46·19	52·61	–	48·70	–	36·81	46·19	52·61
Saskatchewan	38·49	44·34	52·77	–	–	–	37·33	44·11	52·77
Alberta	37·76	44·48	51·74	38·71	44·42	52·22	38·17	44·46	51·87
Colombie Britannique	46·25	51·12	61·06	41·76	46·90	61·99	45·92	51·06	61·08
Moyenne	**39·05**	**44·83**	**54·19**	**39·62**	**44·88**	**54·74**	**39·15**	**44·86**	**54·26**

Provinces	Fromage dans les fromageries			Fromage dans les fabriques de beurre et de fromage			Fromage dans toutes fabriques		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	cents	cents	cents	cents	cents	cents	cents	cents	cents
Ile du Prince-Edouard	20·86	22·82	25·78	20·88	22·94	26·16	20·86	22·86	25·94
Nouvelle-Ecosse	21·14	22·70	27·34	–	–	–	21·14	22·70	27·34
Nouveau-Brunswick	20·67	22·57	27·91	21·53	23·71	–	20·70	23·42	27·91
Québec	20·89	22·43	26·36	20·90	22·65	26·37	20·89	22·51	26·36
Ontario	21·27	22·56	27·00	21·21	22·71	27·53	21·26	22·57	27·02
Manitoba	19·83	21·86	26·40	–	25·00	–	19·83	21·88	26·40
Saskatchewan	–	23·99	32·51	–	–	–	–	23·99	32·51
Alberta	21·68	23·48	26·24	22·01	23·77	30·22	21·97	23·49	27·88
Colombie Britannique	30·44	24·34	28·94	23·00	25·00	30·00	26·66	24·39	28·99
Moyenne	**21·16**	**22·53**	**26·82**	**21·00**	**22·68**	**26·59**	**21·12**	**22·56**	**26·79**

On trouvera, dans le tableau 7, le nombre des beurreries et fromageries, ainsi que la production, la valeur et le prix moyen, par livre, du beurre et du fromage des fabriques, pendant les années 1900, 1907, 1910 et de 1915 à 1919.

7. Production et valeur du beurre et du fromage de fabrique en 1900, 1907, 1910, 1915, 1916, 1917, 1918 et 1919

Année	Etablissements	Beurre de fabrique			Fromage de fabrique		
		Quantité	Valeur	Prix moyen par livre	Quantité	Valeur	Prix moyen, par livre
		liv.	$	cts.	liv.	$	cts.
1900	3,576	36,066,739	7,240,972	20·07	220,833,269	22,221,430	10·06
1907	3,515	45,930,294	10,949,062	23·83	204,788,583	23,597,639	11·52
1910	3,625	64,698,165	15,645,845	24·18	199,904,205	21,587,124	10·79
1915	3,513	83,991,453	24,385,052	29·03	183,887,837	27,097,176	14·73
1916	3,446	82,564,130	26,966,355	32·66	192,968,597	35,512,622	18·40
1917	3,418	87,526,939	34,274,218	39·15	194,904,336	41,180,623	21·12
1918	3,373	93,298,348	41,859,156	44·86	174,878,313	39,456,532	22·56
1919	3,282	103,890,707	56,371,985	54·26	166,421,871	44,586,168	26·79

Divers produits de l'industrie laitière, autres que le beurre et le fromage

En 1919, la production du lait condensé s'est élevée à 62,216,383 livres, valant $9,456,016; celle du lait évaporé à 16,107,934 livres, valant $1,789,089; et celle du lait en poudre à 6,788,770 livres, évaluées à $1,617,046.

La valeur de la crème et du lait frais vendus à ces diverses fabriques était de $15,488,752. La plus grande partie de ce lait et de cette crème est fournie par les laiteries urbaines, lesquelles sont classifiées comme industries laitières quand elles fabriquent soit du beurre, soit du fromage. Le tableau qui suit indique les quantités et la valeur des produits laitiers, autres que le beurre et le fromage, pour les années 1917, 1918 et 1919.

8. Divers produits de l'industrie laitière, en 1917, 1918 et 1919

Produits	1917		1918		1919	
	Quantité	Valeur	Quantité	Valeur	Quantité	Valeur
		$		$		$
Lait condensé liv.	32,105,799	3,811,281	40,700,209	5,711,174	62,216,383	9,456,016
Lait évaporé liv.	29,415,012	2,635,952	38,612,367	4,048,055	16,107,934	1,789,089
Lait en poudre liv.	3,979,514	817,287	5,530,915	1,388,248	6,788,770	1,617,046
Lait stérilisé liv.	–	–	–	–	7,460,400	852,080
Lait modifié gal.	8,044	8,794	–	–	–	–
Lait écrémé, condensé liv.	127,820	6,391	495,395	29,724	494,973	32,921
Café et cacao, condensés liv.	–	–	–	–	743,984	150,668
Beurre de petit-lait liv.	727,075	247,757	891,543	354,675	1,404,491	661,014
Caséine liv.	180,023	28,337	243,763	40,854	199,703	32,693
Crème à la glace gal.	2,000,761	2,200,360	2,033,190	2,517,435	2,854,070	3,634,686
Lait frais vendu gal.	15,062,945	5,917,544	18,986,646	8,568,966	23,017,800	10,662,526
Crème (liv. butyrine)	4,613,834	2,545,327	4,616,449	2,943,790	6,505,394	4,826,226
Lait de beurre vendu	–	205,455	–	235,529	–	256,491
Divers[1]	–	–	–	186,712	–	266,993
Valeur totale	–	**18,424,485**	–	**26,025,162**	–	**34,238,449**

[1]Y compris fromage vieilli, lait écrémé, petit-lait et crème de petit-lait.

Forme de l'organisation commerciale de l'industrie laitière

Du nombre total des établissements de l'industrie laitière 344 sont exploités par des sociétés coopératives, 560 par des compagnies incorporées et 2,378 appartiennent à des particuliers ou à des sociétés en nom collectif.

On trouvera dans le tableau X, page 97, les statistiques relatives à chacune des provinces.

Durée des opérations

Au point de vue de la durée de leurs opérations, les établissements de l'industrie laitière ont été classifiés dans le tableau IX, page 96, en cinq catégories. Le premier groupe comprend 11 fabriques qui ont fonctionné moins de 60 jours; le second, 115, entre 60 et 119 jours; le troisième, 1,191 fabriques, entre 120 et 179 jours; le quatrième, 1,202 fabriques, entre 180 et 239 jours; enfin dans le cinquième groupe entrent 763 fabriques qui ont travaillé 240 jours et plus. Ce dernier groupe comprend 446 beurreries, 112 fromageries et 23 fabriques de lait condensé.

Capital engagé

Les capitaux engagés dans l'industrie laitière au Canada, en 1919, s'élevaient à $28,388,026. Ce total se décompose ainsi: terrains et bâtiments, $10,535,122; machineries et outillage, $9,282,799; produits en stock, $2,105,635; combustibles et autres approvisionnements, $1,665,872; caisse et comptes courants, $4,798,598.

Le capital engagé dans les beurreries était de $12,954,878; dans les fromageries, $5,121,569; dans les fabriques combinées, $3,882,766 et dans les fabriques de lait condensé, $6,428,813.

Le tableau suivant indique, par provinces, le nombre d'établissements et le capital engagé dans l'industrie laitière pour les années 1917, 1918 et 1919.

9. Capitaux absorbés par l'industrie laitière en 1917, 1918 et 1919

Provinces	Etablissements			Capitaux engagés		
	1917	1918	1919	1917	1918	1919
				$	$	$
Ile du Prince-Edouard	40	37	38	167,159	139,341	160,510
Nouvelle-Ecosse	27	26	25	264,912	328,033	425,018
Nouveau-Brunswick	41	42	41	118,232	138,156	165,586
Québec	1,976	1,954	1,868	5,585,538	5,959,989	6,309,475
Ontario	1,135	1,126	1,121	8,395,483	11,085,053	14,574,996
Manitoba	64	59	56	1,630,339	1,762,210	2,086,974
Saskatchewan	31	39	43	859,975	936,903	1,128,745
Alberta	73	61	58	1,538,965	1,941,454	2,341,569
Colombie Britannique	31	29	32	1,067,398	840,481	1,195,153
Total	**3,418**	**3,373**	**3,282**	**19,628,001**	**23,131,620**	**28,388,026**

Personnel et salaires

Pour toutes les provinces, Québec excepté, le personnel employé dans l'industrie laitière est ainsi classifié: "employés recevant des appointements" et "ouvriers et journaliers". Dans la première catégorie entrent les directeurs, gérants (y compris les chefs de la fabrication du beurre et du fromage), commis, sténographes, etc.; dans la seconde, les ouvriers et les journaliers. La province de Québec ne fait aucune distinction du genre d'emploi dans son rapport, et le personnel de cette industrie ne figure que dans les totaux du personnel, des appointements et des salaires.

Le nombre total des employés était de 10,716 en 1919, comprenant 3,567 personnes recevant des traitements ou appointements, 4,264 salariés et 2,885 personnes non classifiées dans Québec. La somme totale payée à ces employés s'élevait à $7,629,997, savoir: $2,839,272 en appointements, $3,386,051 en salaires, et $1,404,674 pour Québec, soit une augmentation sur l'année précédente de 561 dans le nombre du personnel et de $1,408,540 dans sa rémunération.

Le tableau 10 qui suit indique, par provinces, le nombre d'établissements, le personnel et les sommes payées en appointements et salaires en 1919, comparés aux deux années précédentes.

10. Personnel, appointements et salaires, en 1917, 1918 et 1919

Provinces	Etablissements			Employés de toutes sortes			Appointements et salaires		
	1917	1918	1919	1917	1918	1919	1917	1918	1919
	nomb.	nomb.	nomb.	nomb.	nomb.	nomb.	$	$	$
Ile du Prince-Edouard	40	37	38	131	105	105	36,752	37,852	45,673
Nouvelle-Ecosse	27	26	25	97	105	131	52,783	59,209	80,700
Nouveau Brunswick	41	42	41	99	120	126	41,784	66,195	77,985
Québec	1,976	1,954	1,868	3,037	2,856	2,885	1,045,688	1,196,256	1,404,674
Ontario	1,135	1,126	1,121	4,884	4,967	5,264	2,586,706	3,154,655	3,900,535
Manitoba	64	59	56	640	637	690	529,841	592,891	766,281
Saskatchewan	31	39	43	291	388	453	225,448	297,080	389,421
Alberta	73	61	58	847	654	732	637,503	510,627	657,938
Colombie Britannique	31	29	32	320	323	330	290,841	306,692	306,790
Total	**3,418**	**3,373**	**3,282**	**10,346**	**10,155**	**10,716**	**5,447,346**	**6,221,457**	**7,629,997**

Combustible consommé et force motrice

Combustible. En 1919, les beurreries et les fromageries ont consommé une quantité de combustible estimée à $1,200,406. Le charbon occupe le premier rang avec 89,068 tonnes, valant $640,193, suivi par 133,280 cordes de bois, valant $503,534. Viennent ensuite: le gaz, $19,832 et la gazoline, $18,787.

Force motrice utilisée. Dans toutes les fabriques, en 1919, la force motrice développée par l'électricité représentait 6,659 chevaux-vapeur et celle fournie par les machines à vapeur 5,735 chevaux-vapeur, ces deux sources constituant la presque totalité de la force motrice.

Le tableau V indique, par comtés et districts, la force motrice employée sous les classifications suivantes: "vapeur", "électricité" et "autre". Dans toutes les provinces, excepté Québec, le nombre des machines, des moteurs, des chevaux-vapeur potentiels et utilisés sont donnés sous les différentes classifications; les chiffres de Québec figurent dans l'énumération des chevaux-vapeur seulement. Le tableau VII présente le détail de ces forces motrices, par provinces.

Dépenses d'exploitation et valeur totale des produits

Les dépenses d'exploitation des établissements de l'industrie laitière, en 1919, ont atteint $128,556, 744, se décomposant ainsi: appointements et salaires, $7,629,997; sommes payées aux fournisseurs, $107,412,542; combustible, $1,200-406; récipients et approvisionnements, $6,517,180; et dépenses diverses, $5,796,619. La valeur totale des produits a été de $135,196,602, ainsi divisée: beurre, $56,371,985; fromage, $44,586,168; produits condensés, $13,930,513; crème et lait frais, $15,488,752; autres produits, $4,819,184.

En 1918, les dépenses totales représentaient une somme de $101,364,912 et la valeur des produits atteignait $107,340,850.

Exportations et importations des produits laitiers canadiens

Durant l'année fiscale terminée le 31 mars 1920, il a été exporté 17,612,605 livres de beurre, valant $9,844,359; 126,395,777 livres de fromage, valant $36,336,863; 54,247,498 livres de lait et de crème condensés, en boîte ou en conserve, d'une valeur de $8,517,771; 1,985,113 gallons de lait frais, valant $576,666; enfin 795,780 gallons de crème fraîche, pour une somme de $1,122,424. La valeur totale des exportations de ces produits s'élève donc à $56,398,083.

Les importations de beurre et de fromage durant la même période sont peu élevées, elles s'énumèrent ainsi: 397,955 livres de beurre, valant $176,994 et 362,693 livres de fromage, d'une valeur de $206,500.

REPORT

OF THE

DEPARTMENT

OF

IMMIGRATION AND COLONIZATION

FOR THE

FISCAL YEAR ENDED MARCH 31, 1920

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
THOMAS MULVEY
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1921

[No. 18—1921]

To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc.
Governor General and Commander in Chief of the Dominion of Canada

MAY IT PLEASE YOUR EXCELLENCY:

The undersigned has the honour to lay before Your Excellency the report of the transactions of the Department of Immigration and Colonization for the fiscal year ended March 31, 1920.

Respectfully submitted,

J. A. CALDER,
Minister of Immigration and Colonization.

OTTAWA,

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REPORT

OF THE

DEPARTMENT OF IMMIGRATION AND COLONIZATION

1919-20

ACTING DEPUTY MINISTER, W. W. CORY

This the third annual report of the department and of the first year after the war shows that immigration has already begun to increase rapidly.

The following is a comparative statement of immigrant arrivals from 1881 onward:—

IMMIGRATION TO CANADA

Period	From British Isles	From United States	From other Countries	Totals
Calendar year 1881	17,033	21,822	9,136	47,991
" 1882	41,283	58,372	12,803	112,458
" 1883	45,439	78,508	9,677	133,624
" 1884	31,787	65,886	6,151	103,824
" 1885	18,591	57,506	3,072	79,169
" 1886	23,507	40,650	4,995	69,152
" 1887	31,104	41,046	12,376	84,526
" 1888	30,852	44,952	12,962	88,766
" 1889	19,384	67,896	4,320	91,600
" 1890	21,793	50,336	2,938	75,067
" 1891	22,042	52,516	7,607	82,165
" 1892	22,636	.....	8,360	30,996
" 1893	20,071	.....	9,562	29,633
" 1894	16,004	.....	4,825	20,829
" 1895	14,956	.....	3,834	18,790
" 1896	12,384	.....	4,451	16,835
" 1897	11,383	2,412	7,921	21,716
" 1898	11,173	9,119	11,608	31,900
" 1899	10,660	11,945	21,938	44,543
Six months ended June 30, 1900	5,141	8,543	10,211	23,895
Fiscal year ended June 30, 1901	18,810	17,987	19,352	49,149
" " 1902	17,259	26,388	23,732	67,379
" " 1903	41,792	49,473	37,099	128,364
" " 1904	50,374	45,171	34,786	130,331
" " 1905	65,359	43,543	37,364	146,266
" " 1906	86,796	57,796	44,472	189,064
Nine months ended March 31,1907	55,791	34,659	34,217	124,667
Fiscal year ended March 31, 1908	120,182	58,312	83,975	262,469
" " 1909	52,901	59,832	34,175	146,908
" " 1910	59,790	103,798	45,206	208,794
" " 1911	123,013	121,451	66,620	311,084
" " 1912	138,121	133,710	82,406	354,237
" " 1913	150,542	139,009	112,881	402,432
" " 1914	142,622	107,530	134,726	384,878
" " 1915	43,276	59,779	41,734	144,789
" " 1916	8,664	36,937	2,936	48,537
" " 1917	8,282	61,389	5,703	75,374
" " 1918	3,178	71,314	4,582	79,074
" " 1919	9,914	40,715	7,073	57,702
" " 1920	59,603	49,656	8,077	117,336

BRITISH IMMIGRATION

During the year, there were 59,603 immigrant arrivals in Canada, from the United Kingdom, as compared with 9,914 in the previous year; this increase of over 500 per cent is an indication of what may be expected from this the most desirable source of immigration.

CONTINENTAL IMMIGRATION

An increase is also shown in arrivals from continental countries, 8,077, as compared with that of the preceding year, which was 7,073. This is 14 per cent increase.

AMERICAN IMMIGRATION

The gratifying increase of 22 per cent, as compared with that of the year 1918-19, is shown in arrivals from this great source, the number being 49,656, as against 40,715.

TOTAL IMMIGRATION

Immigration from all sources gives a total of 117,336; for 1918-19, the entire immigration was 57,702. The increase is 103 per cent. This showing for the first year after the war is very encouraging, and may fairly be accepted as the ground of hope for even greater advances in the near future.

IMMIGRATION INSPECTION

Three reports dealing with immigration inspection will be included, and an examination of results will disclose the fact that the vigilance of the commissioners and their staffs has not been relaxed; the evidence points rather in the direction of increased effort on their part to secure for this country a desirable class of settlers. During 1918-19, approximately, one in every five who sought admission as immigrants at the United States border, was rejected, while for the year 1919-20, one in every four was denied admission.

JUVENILE IMMIGRATION

The usual report of British immigrant children unaccompanied by parents or guardians will be included, and this interesting subject will be found increasingly so, because this class of immigration practically suspended during the war is now revived.

PUBLICITY

The Publicity Bureau, added to the department during the year 1918-19, with a Director of Publicity at Ottawa, and a Director, Bureau of Publicity and Information at Winnipeg, gives us this year two additional reports which enhance the interest of this publication.

The return to Canada of soldiers and dependents, which produced such a serious congestion in ocean transport during the years 1918-19 and 1919-20, has now almost ceased; a despatch from the Commissioner of Emigration, in London, dated March 16, 1920, states that only about 3,000 of this class remained overseas, and as a consequence, the revival of immigration is already apparent: the year upon which we have entered is destined, as regards the number of immigrants, to be the best in seven years.

SESSIONAL PAPER No. 18

REPORT OF THE ASSISTANT DEPUTY MINISTER, W. D. SCOTT

SUMMARY for the Fiscal Year, 1919-20

Per ocean travel—			
Quebec		37,125	
St. John		13,453	
Halifax		11,161	
Victoria		834	
Vancouver		674	
North Sydney		414	
New york	3,765		
Boston	250		
Portland	4	4,019	67,680
From the United States			49,656
Total			117,336

COMPARATIVE STATEMENT.—Immigration to Canada, via Ocean Ports, by months, for the Fiscal Year, 1919-20, compared with that of the Fiscal Year, 1918-19

	1918–19.				1919–20.			
	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.
April	249	395	169	813	646	2,093	1,005	3,744
May	327	220	160	707	717	2,838	1,444	4,999
June	371	166	81	618	652	1,662	792	3,106
July	375	236	138	749	1,029	3,862	1,736	6,627
August	542	227	136	905	961	6,556	2,494	10,011
September	272	213	141	626	1,230	5,326	2,011	8,567
October	459	496	287	1,242	2,471	5,564	2,308	10,343
November	700	432	267	1,399	1,294	2,857	1,151	5,302
December	512	473	225	1,210	1,188	2,121	843	4,152
January	716	1,261	571	2,548	853	1,247	454	2,554
February	762	893	320	1,975	934	1,214	498	2,646
March	826	2,267	1,102	4,195	2,203	2,315	1,111	5,629
Totals	6,111	7,279	3,597	16,987	14,178	37,655	15,847	67,680

COMPARATIVE STATEMENT.—Immigration from the United States to Canada, by months, for the Fiscal Year, 1919-20, compared with that of the Fiscal Year, 1919-20, compared with that of the Fiscal Year, 1918-19

	1918–19.				1919–20.			
	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.
April	3,086	1,530	1,694	6,310	4,055	1,702	1,767	7,524
May	2,261	1,265	1,028	4,554	2,636	1,394	1,168	5,198
June	1,453	1,118	706	3,277	2,499	1,262	946	4,707
July	1,180	951	588	2,719	2,393	1,175	882	4,450
August	1,820	939	851	3,610	3,156	1,081	912	5,149
September	1,281	872	682	2,835	2,705	1,165	982	4,852
October	832	735	627	2,194	2,064	1,078	927	4,069
November	723	584	489	1,796	1,303	759	710	2,772
December	1,021	649	556	2,226	1,051	607	491	2,149
January	1,152	548	385	2,085	898	469	298	1,665
February	1,367	675	599	2,641	1,062	508	381	1,951
March	3,555	1,449	1,464	6,468	2,872	1,151	1,147	5,170
Totals	19,731	11,315	9,669	40,715	26,694	12,351	10,611	49,656

COMPARATIVE STATEMENT.—Total Immigration to Canada, by months, for the Fiscal Year, 1919-20, compared with that of the Fiscal Year, 1918-19.

	1918–19.				1919–20.			
	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.
April	3,335	1,925	1,863	7,123	4,701	3,795	2,772	11,268
May	2,588	1,485	1,188	5,261	3,353	4,232	2,612	10,197
June	1,824	1,284	787	3,895	3,151	2,924	1,738	7,813
July	1,555	1,187	726	3,468	3,422	5,037	2,618	11,077
August	2,362	1,166	987	4,515	4,117	7,637	3,406	15,160
September	1,553	1,085	823	3,461	3,935	6,491	2,993	13,419
October	1,291	1,231	914	3,436	4,535	6,642	3,235	14,412
November	1,423	1,016	756	3,195	2,597	3,616	1,861	8,074
December	1,533	1,122	781	3 436	2,239	2,728	1,334	6,301
January	1,868	1,809	956	4,633	1,751	1,716	752	4,219
February	2,129	1,568	919	4,616	1,996	1,722	879	4,597
March	4,381	3,716	2,566	10,663	5,075	3,466	2,258	10,799
Totals	25,842	18,594	13,266	57,702	40,872	50,006	26,458	117,336

COMPARATIVE STATEMENT.—Total Immigration to Canada, by Ports, for the Fiscal Year, 1919-20, compared with that of the Fiscal Year, 1918-19

	1918–19.				1919–20.			
	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.
Quebec	97	110	80	287	6,254	21,738	9,133	37,125
St. John	601	4,400	2,033	7,034	3,943	6,561	2,949	13,453
Halifax	130	954	522	1,606	1,637	6,917	2,607	11,161
Victoria	1,586	533	119	2,238	353	399	82	834
Vancouver	3,157	149	172	3,478	404	153	117	674
North Sydney	119	229	165	513	85	190	139	414
United States ports (New York, Boston and Portland)	421	904	506	1,831	1,502	1,697	820	4,019
From the United States	19,731	11,315	9,669	40,715	26,694	12,351	10,611	49,656
Totals	25,842	18,594	13,266	57,702	40,872	50,006	26,458	117,336

SESSIONAL PAPER No. 18

SEX, Occupation and Destination of Total Immigrant Arrivals in Canada for the Fiscal Year ended March 31, 1920

Description.	Via Ocean Ports.	From the United States.	Totals.
Sex—			
Males	14,178	26,694	40,872
Females	37,655	12,351	50,006
Children	15,847	10,611	26,458
Totals	67,680	49,656	117,336
Trade or Occupation—			
Farmers and Farm Labourers—			
Males	5,037	13,561	18,598
Females	2,267	3,932	6,199
Children	1,542	4,943	6,485
General Labourers—			
Males	1,897	2,686	4,583
Females	958	646	1,604
Children	559	626	1,185
Mechanics—			
Males	2,655	6,136	8,791
Females	1,514	1,844	3,358
Children	940	1,551	2,491
Clerks, Traders, etc.—			
Males	947	1,034	1,981
Females	890	519	1,409
Children	186	229	415
Miners—			
Males	331	343	674
Females	120	50	170
Children	118	41	159
Female Servants	4,978	1,076	6,054
Not Classified—			
Males	3,311	2,934	6,245
Females	26,928	4,284	31,212
Children	12,502	3,221	15,723
Destination—			
Maritime Provinces	3,169	2,385	5,554
Quebec	7,273	5,805	13,078
Ontario	27,405	11,939	39,344
Manitoba	6,899	4,488	11,387
Saskatchewan	6,264	8,023	14,287
Alberta	6,717	13,283	20,000
British Columbia	9,945	3,601	13,546
Yukon Territory	8	132	140

COMPARATIVE STATEMENT.—Total Immigration to Canada, by Nationalities, for the Fiscal Year, 1919-20, compared with that of the Fiscal Year, 1918-19, showing Increase or Decrease of each Nationality

	1918-19.	1919-20.	Increase.	Decrease.
English	7,954	45,173	37,219	.....
Irish	336	2,751	2,415	.....
Scotch	1,518	10,997	9,479	.....
Welsh	106	682	576	.....
Total British	9,914	59,603	49,689	.....
African, South	.....	23	23	.....
Argentinian	.....	2	2	.....
Australian	35	88	53	.....
Austro-Hungarian—				
Austrian, N.E.S.	.....	5	5	.....
Bohemian	.....	3	3	.....
Galician	2	.....	.....	2
Belgian	48	1,532	1,484	.....
Bermudian	1	1	.....	.....
Bulgarian	.....	1	1	.....
Chilian	.....	2	2	.....
Chinese	4,333	544	.....	3,789
Corean	.....	1	1	.....
Cuban	.....	2	2	.....
Czecho-Slovak	.....	1	1	.....
Dutch	59	154	95	.....
French	222	1,584	1,362	.....
German	1	12	11	.....
Greek	4	39	35	.....
Hebrew—				
Hebrew, N.E.S.	15	32	17	.....
Polish	.....	36	36	.....
Russian	7	48	41	.....
Italian	49	1,165	1,116	.....
Jamaican	2	3	1	.....
Japanese	1,178	711	.....	467
Luxemburg	.....	16	16	.....
Maltese	2	405	403	.....
Mexican	3	.....	.....	3
Negro	22	61	39	.....
Newfoundland	512	443	.....	69
New Zealand	15	31	16	.....
Persian	2	.....	.....	2
Polish—				
Polish, N.E.S.	3	69	66	.....
Russian	1	7	6	.....
Portuguese	.....	3	3	.....
Roumanian	.....	21	21	.....
Russian—				
Russian, N.E.S.	42	51	9	.....
Finnish	2	44	42	.....
Scandinavian—				
Danish	44	233	189	.....
Icelandic	12	11	.....	1
Norwegian	91	179	88	.....
Swedish	101	241	140	.....
Serbian	1	12	11	.....
Spanish	12	15	3	.....
Swiss	11	100	89	.....
Turkish—				
Turkish, N.E.S.	.....	1	1	.....
Armenian	.....	10	10	.....
Syrian	.....	18	18	.....
U.S.A. Citizens, via ocean ports	21	55	34	.....
West Indian	220	62	.....	158
Total Continental, etc	7,073	8,077	1,004	.....
From the United States	40,715	49,656	8,941	.....
Total immigration	57,702	117,336	59,634	.....

ARRIVALS AT OCEAN PORTS

During the fiscal year 1919-20, there arrived, via Canadian and United States ocean ports, 178,321 passengers, of whom 29,562 travelled saloon and 148,759 steerage. Of the saloon passengers, 22,124 were destined to Canada and 7,438 to the United States. Of the steerage passengers, 138,651 were for Canada and 10,108 for the United States. Included in the steerage passangers for Canada were 59,592 returned Canadians and 14,379 tourists, leaving the immigration proper at 67,680 souls, which together with the 49,656 settlers from the United States, brings the total immigration to 117,336, an increase, as compared with that of the preceding fiscal year, of 59,634 persons.

The following further statistical information will be of interest: table I deals with the total arrivals of saloon passengers; table II with the total arrivals of steerage passengers; table III with the monthly arrivals of immigrants for Canada; and tables IV and V give summaries of the information obtained from immigrants for Canada upon arrival.

TABLE I.—Nationality and Sex of Saloon Passengers arriving at Ocean Ports during the Fiscal Year ended March 31, 1920

	Canada.				United States.				Canada and United States.			
	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.
African, South	2	4	1	7	1	.....	.....	1	3	4	1	8
Australian	6	7	7	20	47	65	19	131	53	72	26	151
Austro-Hungarian—												
Austrian	.....	.....	.....	.....	7	1	.....	8	7	1	.....	8
Hungarian	.....	.....	.....	.....	3	2	.....	5	3	2	.....	5
Belgian	6	10	5	21	3	3	.....	6	9	13	5	27
Bermudian	6	10	5	21	3	7	.....	10	9	17	5	31
Brazilian	.....	.....	.....	.....	5	4	5	14	5	4	5	14
Chilian	.....	.....	.....	.....	2	.....	.....	2	2	.....	.....	2
Chinese	1	1	1	3	18	7	.....	25	19	8	1	28
Corean	.....	.....	.....	.....	3	.....	1	4	3	.....	1	4
Cuban	1	.....	1	2	3	3	.....	6	4	3	1	8
Czecho-Slovak	1	1	1	3	7	1	.....	8	8	2	1	11
Dutch	8	3	.....	11	21	11	1	33	29	14	1	44
French	160	165	57	382	51	27	6	84	211	192	63	466
German	1	3	.....	4	16	9	4	29	17	12	4	33
Great Britain and Ireland—												
English	458	764	290	1,512	662	338	64	1,064	1,120	1,202	354	2,576
Irish	28	45	4	77	58	20	1	79	86	65	5	156
Scotch	97	148	37	282	68	36	10	114	165	184	47	396
Welsh	13	11	1	25	8	2	.....	10	21	13	1	35
Greek	1	1	.....	2	8	3	.....	11	9	4	.....	13
Hebrew—												
Hebrew, N.E.S.	.....	1	1	2	19	7	2	28	19	8	3	30
" Polish	.....	.....	.....	.....	5	1	.....	6	5	1	.....	6
" Russian	1	2	.....	3	16	7	2	25	17	9	2	28
Hindoo	.....	.....	.....	.....	3	1	2	6	3	1	2	6
Italian	17	6	4	27	15	2	1	18	32	8	5	45
Jamaican	23	23	1	47	1	.....	.....	1	24	23	1	48
Japanese	10	3	4	17	55	8	4	67	65	11	8	84
Mexican	2	2	1	5	3	.....	.....	3	5	2	1	8
Negro	9	14	1	24	.....	.....	.....	.....	9	14	1	24
Newfoundland	349	360	215	924	587	737	165	1,489	936	1,097	380	2,413
New Zealand	8	3	.....	11	32	22	.....	54	40	25	.....	65
Persian	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	1
Polish—												
Polish, N.E.S.	11	3	.....	14	10	6	.....	16	21	9	.....	30
" Russian	1	1	.....	2	2	.....	.....	2	3	1	.....	4
Portuguese	7	4	.....	11	4	4	2	10	11	8	2	21
Roumanian	1	.....	.....	1	6	2	1	9	7	2	1	10
Russian—												
Russian, N.E.S.	3	4	.....	7	67	20	10	97	70	24	10	104
Finnish	1	.....	.....	1	2	.....	.....	2	3	.....	.....	3
Scandinavian—												7
Danish	2	2	.....	4	17	3	3	23	19	5	3	28
Icelandic	6	12	9	27	1	.....	.....	1	7	12	9	23
Norwegian	3	1	.....	4	24	5	.....	29	27	6	.....	39
Swedish	4	3	.....	7	22	9	1	32	26	12	1	31
Serbian	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	5
Spanish	18	4	2	24	31	7	3	41	49	11	5	65
Swiss	2	2	.....	4	2	7	.....	9	4	9	.....	13
Turkish—												
Turkish, N.E.S.	.....	.....	.....	.....	2	.....	.....	2	2	.....	.....	2
Armenian	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	1
Egyptian	.....	4	.....	4	2	.....	.....	2	2	4	.....	6
Syrian	2	.....	.....	2	10	1	1	12	12	1	1	14
U.S.A. Citizens	12	12	5	29	2,031	990	404	3,425	2,043	1,002	409	3,454
West Indian	45	49	7	101	4	5	2	11	49	54	9	112
Returned Canadian	5,950	2,952	861	9,763	.....	.....	.....	.....	5,950	2,952	861	9,763
Tourist	4,890	2,836	960	8,686	220	121	31	372	5,110	2,957	991	9,058
Totals	12,167	7,476	2,481	22,124	4,189	2,504	745	7,438	16,356	9,980	3,226	29,562

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TABLE II.—Nationality and Sex of Steerage Passengers arriving at Ocean Ports during the Fiscal Year ended March 31, 1920

—	Canada.				United States.				Canada and United States.			
	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Totals.
African, South	9	10	4	23	3	2	.....	5	12	12	4	28
Argentinian	1	1	.....	2	.....	.....	.....	.....	1	1	.....	2
Australian	19	40	29	88	101	79	32	212	120	119	61	300
Austro-Hungarian—												
Austrian, N.E.S.	3	2	.....	5	1	2	.....	3	4	4	.....	8
Bohemian	.....	2	1	3	.....	.....	.....	.....	.....	2	1	3
Belgian	532	647	353	1,532	49	41	26	116	581	688	379	1,648
Bermudian	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	1
Bulgarian	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1
Chilian	2	.....	.....	2	2	.....	.....	2	4	.....	.....	4
Chinese	389	67	88	544	.....	.....	.....	.....	389	67	88	544
Corean	1	.....	.....	1	8	4	.....	12	9	4	.....	13
Cuban	2	.....	.....	2	1	.....	.....	1	3	.....	.....	3
Czecho-Slovak	1	.....	.....	1	1	9	5	15	2	9	5	16
Dutch	64	53	37	154	18	11	8	37	82	64	45	191
French	522	785	277	1,584	15	23	1	39	537	808	278	1,623
German	3	7	2	12	8	2	.....	10	11	9	2	22
Great Britain and Irel'd-												
English	7,675	26,419	11,079	45,173	1,601	1,434	616	3,651	9,276	27,853	11,695	48,824
Irish	715	1,537	499	2,751	135	87	24	246	850	1,624	523	2,997
Scotch	2,425	6,039	2,533	10,997	316	305	131	752	2,741	6,344	2,664	11,749
Welsh	147	389	146	682	23	17	5	45	170	406	151	727
Greek	19	15	5	39	17	1	1	19	36	16	6	58
Hawaiian	.....	.....	.....	.....	12	6	18	36	12	6	18	36
Hebrew—												
Hebrew, N.E.S.	6	18	8	32	76	7	2	85	82	25	10	117
" Austrian	.....	.....	.....	.....	2	.....	.....	2	2	.....	.....	2
" Polish	3	14	19	36	13	.....	.....	13	16	14	19	49
" Russian	19	14	15	48	415	46	25	486	434	60	40	534
Italian	310	532	323	1,165	5	2	.....	7	315	534	323	1,172
Jamaican	2	1	.....	3	.....	.....	.....	.....	2	1	.....	3
Japanese	280	389	42	711	83	39	13	135	363	428	55	846
Luxemburg	6	5	5	16	.....	.....	.....	.....	6	5	5	16
Maltese	333	38	34	405	7	2	.....	9	340	40	34	414
Mexican	.....	.....	.....	.....	2	.....	.....	2	2	.....	.....	2
Negro	20	32	9	61	238	214	43	495	258	246	52	556
Newfoundland	84	210	149	443	332	136	48	516	416	346	197	959
New Zealand	14	6	11	31	76	53	22	151	90	59	33	182
Persian	.....	.....	.....	.....	5	2	2	9	5	2	2	9
Peruvian	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	1
Polish—Polish, N.E.S.	21	21	27	69	8	4	4	16	29	25	31	85
" Russian	1	4	2	7	2	1	.....	3	3	5	2	10
Portuguese	2	1	.....	3	17	12	9	38	19	13	9	41
Roumanian	12	7	2	21	2	2	3	7	14	9	5	28
Russian-Russian, N.E.S	14	27	10	51	62	25	27	114	76	52	37	165
Finnish	13	23	8	44	15	4	7	26	28	27	15	70
Scandinavian—Danish	166	49	18	233	21	2	.....	23	187	51	18	256
Icelandic	4	6	1	11	.....	.....	.....	.....	4	6	1	11
Norwegian	86	64	29	179	26	3	1	30	112	67	30	209
Swedish	135	70	36	241	23	2	2	27	158	72	38	268
Serbian	4	3	5	12	5	5	2	12	9	8	7	24
Spanish	13	1	1	15	160	33	57	250	173	34	58	265
Swiss	42	41	17	100	21	4	2	27	63	45	19	127
Turkish—												
Turkish, N.E.S.	.....	1	.....	1	2	.....	.....	2	2	1	.....	3
Arabian	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	1
Armenian	8	2	.....	10	1	.....	.....	1	9	2	.....	11
Egyptian	.....	.....	.....	.....	1	1	1	3	1	1	1	3
Syrian	11	7	.....	18	3	4	1	8	14	11	1	26
U.S.A. Citizens	18	23	14	55	1,157	450	215	1,822	1,175	473	229	1,877
West Indian	21	32	9	62	103	95	17	215	124	127	26	277
Total immigration	14,178	37,655	15,847	67,680	5,196	3,171	1,370	9,737	19,374	40,826	17,217	77,417
Returned Canadian	28,565	17,692	10,335	56,592	.....	.....	.....	.....	28,565	17,692	10,335	56,592
Tourist	10,703	2,755	921	14,379	338	21	12	371	11,041	2,776	933	14,750
Totals	53,446	58,102	27,103	138,651	5,534	3,192	1,382	10,108	58,980	61,294	28,485	148,759

TABLE III.—Monthly Arrivals of Immigrants for Canada, by Nationalities, at Ocean Ports, for the Fiscal Year ended March 31, 1920

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Totals
African, South	.....	.....	1	.....	1	1	3	4	1	1	9	2	23
Argentinian	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2
Australian	2	11	11	18	3	15	3	8	4	1	1	11	88
Austro-Hungarian													
Austrian, N.E.S	.....	.....	.....	.....	1	1	1	.....	.....	2	.....	.....	5
Bohemian	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	3
Belgian	20	29	44	84	111	146	191	170	68	57	149	463	1,532
Bermudian	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Bulgarian	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Chilian	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Chinese	117	78	43	24	20	36	42	22	39	58	40	25	544
Corean	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Cuban	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	2
Czecho-Slovak	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Dutch	9	5	1	3	5	4	5	55	18	3	14	32	154
French	117	135	154	196	154	211	230	87	101	44	107	48	1,584
German	.....	1	.....	2	.....	2	3	1	1	.....	1	1	12
Great Britain and Ireland—													
English	2,557	3,542	2,066	4,718	7,373	6,199	6,373	3,685	2,345	1,341	1,438	3,536	45,173
Irish	123	183	93	240	375	316	529	278	145	120	92	257	2,751
Scotch	530	765	399	973	1,577	1,202	2,385	581	718	613	443	811	10,997
Welsh	34	44	43	67	103	75	107	50	36	15	35	73	682
Greek	.....	.....	.....	1	5	3	14	.....	8	4	2	2	39
Hebrew—													
Hebrew, N.E.S.	.....	.....	.....	2	9	2	3	.....	9	5	2	.....	32
" Polish.	3	.....	.....	.....	.....	3	.....	.....	.....	.....	3	27	36
" Russian	1	1	10	5	7	2	3	3	5	3	4	4	48
Italian	5	4	18	19	43	44	99	96	383	188	142	124	1,165
Jamaican	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	3
Japanese	120	98	78	40	38	50	53	35	81	20	45	53	711
Luxemburg	.....	.....	.....	.....	.....	2	13	1	.....	.....	.....	.....	16
Maltese	.....	5	1	92	1	94	76	39	83	5	9	.....	405
Negro	6	3	.....	1	21	8	7	4	7	1	2	1	61
Newfoundland	22	18	48	36	71	62	73	54	44	1	3	11	443
New Zealand	1	9	1	10	.....	4	2	4	.....	.....	.....	.....	31
Polish—													
Polish, N.E.S.	.....	.....	.....	5	.....	5	2	.....	3	5	21	28	69
" Russian	.....	.....	1	.....	3	.....	.....	1	.....	1	1	.....	7
Portuguese	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	3
Roumanian	.....	.....	.....	2	1	.....	5	1	1	5	3	3	21
Russian—													
Russian, N.E.S.	1	6	.....	2	3	4	4	4	11	6	4	6	51
Finnish	.....	.....	5	.....	3	4	.....	6	7	2	7	10	44
Scandinavian—													
Danish	22	6	34	24	23	6	23	14	14	8	15	44	233
Icelandic	7	.....	.....	.....	.....	.....	.....	1	.....	.....	3	.....	11
Norwegian	30	13	18	10	12	6	29	24	5	7	7	18	179
Swedish	14	22	18	11	18	2	30	48	7	10	34	27	241
Serbian	.....	.....	2	.....	.....	2	.....	7	.....	.....	.....	1	12
Spanish	1	1	.....	5	2	.....	3	3	.....	.....	.....	.....	15
Swiss	1	13	6	11	12	23	9	4	5	8	5	3	100
Turkish—													
Turkish, N.E.S	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
Armenian	.....	2	.....	1	1	.....	2	.....	1	3	.....	.....	10
Syrian	.....	.....	5	2	1	.....	1	3	.....	5	1	.....	18
U.S.A. Citizens	1	1	5	9	11	10	2	2	1	8	3	2	55
West Indian	.....	1	.....	12	.....	19	17	7	.....	.....	.....	6	62
Totals	3,744	4,999	3,106	6,627	10,011	8,567	10,343	5,302	4,152	2,554	2,646	5,629	67,680

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TABLE IV.—Monthly Arrivals of Immigrants for Canada, by Occupation and Destination, at Ocean Ports, for the Fiscal Year ended March 31, 1920

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Totals
Agriculturalists...	360	507	399	672	596	639	1,248	823	535	332	614	2,121	8,846
General labourers	88	101	99	179	225	300	783	363	360	268	225	423	3,414
Machanics.....	160	298	117	309	296	478	1,174	458	565	325	323	606	5,109
Clerks, traders, etc.....	85	93	90	124	137	184	451	182	200	151	126	200	2,023
Miners.....	24	28	24	21	47	21	133	62	56	48	44	61	569
Female servants.	156	164	149	267	320	418	1,225	633	451	295	249	651	4,978
Not classified ...	2,871	3,808	2,228	5,055	8,390	6,527	5,329	2,781	1,985	1,135	1,065	1,567	42,741
Totals.....	3,744	4,999	3,106	6,627	10,011	8,567	10,343	5,302	4,152	2,554	2,646	5,629	67,680
Maritime Provinces.....	257	216	107	350	486	394	328	283	242	137	167	202	3,169
Quebec.....	291	465	434	721	961	1,015	1,284	667	455	327	300	353	7,273
Ontario.....	1,294	1,796	1,066	2,514	3,885	3,313	4,644	2,324	1,933	1,187	1,121	2,328	27,405
Manitoba.....	352	554	337	691	1,157	832	945	488	352	208	228	755	6,899
Saskatchewan....	404	496	294	595	937	747	839	433	297	143	231	848	6,264
Alberta.....	388	666	323	786	1,052	910	953	428	274	177	227	533	6,717
British Columbia	758	805	545	970	1,533	1,354	1,350	675	599	375	371	610	9,945
Yukon Territory.	.....	1	.....	.....	.....	2	.....	4	.....	.....	1	.....	8
Totals.....	3,744	4,999	3,106	6,627	10,011	8,567	10,343	5,302	4,152	2,554	2,646	5,629	67,680

TABLE V.—Nationality, Sex, Occupation and Destination

Fiscal Year ended

	Sex.				Trade or								
					Farmers and Farm Labourers.			General Labourers.			Mechanics.		
	Males.	Females.	Children.	Totals.	Males.	Females.	Children.	Males.	Females.	Children.	Males.	Females.	Children.
African, South	9	10	4	23	3	1	1	1	1	2	2	....	....
Argentinian	1	1	....	2	....	....	....	....	....	....	....	....	....
Australian	19	40	29	88	6	1	6	1	1	....	3	....	3
Austro-Hungarian—													
Austrian, N.E.S.	3	2	....	5	....	....	....	....	....	....	1	....	....
Bohemian	....	2	1	3	....	1	....	....	....	....	....	....	....
Belgian	532	647	353	1,532	373	255	231	45	31	19	25	11	7
Bermudian	....	1	....	1	....	....	....	....	....	....	....	....	....
Bulgarian	1	....	....	1	....	....	....	....	....	....	....	....	....
Chilian	2	....	....	2	....	....	....	....	....	....	....	....	....
Chinese	389	67	88	544	30	1	....	3	....	....	....	....	....
Corean	1	....	....	1	....	....	....	1	....	....	....	....	....
Cuban	2	....	....	2	....	....	....	....	....	....	....	....	....
Czecho-Slovak	1	....	....	1	....	....	....	....	....	....	....	....	....
Dutch	64	53	37	154	47	18	17	2	....	1	3	....	....
French	522	785	277	1,584	187	105	60	28	7	3	91	42	22
German	3	7	2	12	....	1	....	....	....	....	....	....	....
Great Britain and Ireland—													
English	7,675	26,419	11,079	45,173	2,877	1,385	879	880	561	301	1,489	979	617
Irish	715	1,537	499	2,751	233	80	32	126	50	24	132	61	20
Scotch	2,425	6,039	2,533	10,997	718	278	202	324	136	109	597	336	222
Welsh	147	389	146	682	47	22	18	14	7	10	32	14	6
Greek	19	15	5	39	1	....	....	4	2	2	1	....	....
Hebrew—													
Hebrew, N.E.S.	6	18	8	32	....	....	....	....	....	....	....	2	....
" Polish	3	14	19	36	....	1	2	....	....	....	....	....	....
" Russian	19	14	15	48	....	....	....	....	....	....	4	1	3
Italian	310	532	323	1,165	37	20	17	138	101	60	57	26	12
Jamaican	2	1	....	3	....	....	....	....	....	....	2	....	....
Japanese	280	389	42	711	116	19	1	77	36	3	8	3	....
Luxemburg	6	5	5	16	4	2	....	....	....	....	2	1	2
Maltese	333	38	34	405	12	1	....	138	6	6	143	10	9
Negro	20	32	9	61	....	....	....	7	....	....	5	1	....
Newfoundland	84	210	149	443	1	1	....	51	11	13	8	7	7
New Zealand	14	6	11	31	7	1	5	1	....	....	2	....	....
Polish—													
Polish, N.E.S.	21	21	27	69	5	5	10	....	1	4	7	2	4
" Russian	1	4	2	7	1	....	....	....	....	....	....	....	....
Portuguese	2	1	....	3	....	....	....	1	....	....	....	....	....
Roumanian	12	7	2	21	1	....	....	2	....	....	2	1	....
Russian—													
Russian, N.E.S.	14	27	10	51	4	2	8	1	....	....	4	6	1
Finnish	13	23	8	44	9	....	....	3	1	....	....	....	....
Scandinavian—													
Danish	166	49	18	233	126	16	8	8	1	1	6	1	1
Icelandic	4	6	1	11	2	....	....	....	....	....	1	....	....
Norwegian	86	64	29	179	54	14	13	12	1	....	5	1	....
Swedish	135	70	36	241	98	26	20	15	....	....	9	1	2
Serbian	4	3	5	12	1	1	4	....	....	....	....	....	....
Spanish	13	1	1	15	1	....	....	4	1	....	1	....	....
Swiss	42	41	17	100	26	7	8	1	2	1	6	7	1
Turkish—													
Turkish, N.E.S.	....	1	....	1	....	....	....	....	....	....	....	....	....
Armenian	8	2	....	10	....	....	....	1	....	....	1	....	....
Syrian	11	7	....	18	....	....	....	....	....	....	1	....	....
U.S.A. Citizens	18	23	14	55	5	2	....	2	....	....	2	....	....
West Indian	21	32	9	62	5	1	....	6	1	....	3	1	1
Totals	14,178	37,655	15,847	67,680	5,037	2,267	1,542	1,897	958	559	2,655	1,514	940

SESSIONAL PAPER No. 18

of Immigrant Arrivals for Canada, at Ocean Ports, for the March 31, 1920

Occupation.										Destination.							
Clerks, Traders, etc.			Miners.			Female Servants.	Not Classified.			Maritime Provinces.	Quebec.	Ontario.	Manitoba.	Saskatchewan.	Alberta.	British Columbia.	Yukon Territory.
Males	Females	Children	Males	Females	Children		Males	Females	Children								
.....	....	....	....	....	....	2	3	6	1	.....	.....	12	4	1	.....	6	...
.....	....	....	....	....	....	.....	1	1	.....	.....	1	1	.....	.....	.....	.....	...
2	4	....	....	....	2	9	7	25	18	.....	3	9	6	8	1	61	...
.....	....	....	....	....	....	.....	2	2	.....	.....	3	1	1	.....	.....	.....	...
.....	....	....	....	....	....	.....	.....	1	1	.....	.....	3	.....	.....	.....	.....	...
8	5	6	20	7	1	51	61	287	89	52	273	337	338	324	135	73	...
.....	....	....	....	....	....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	...
.....	....	....	....	....	....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	...
.....	....	....	....	....	....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	...
135	39	32	....	....	....	.....	221	27	56	2	52	69	17	24	33	347	...
.....	....	....	....	....	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	...
1	....	....	....	....	....	.....	1	.....	.....	.....	2	.....	.....	.....	.....	.....	...
.....	....	....	....	....	....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	...
3	3	....	....	....	....	8	9	24	19	18	12	31	22	19	46	6	...
39	10	2	15	6	6	44	162	571	184	71	650	271	180	126	171	115	...
.....	....	....	....	....	....	1	3	5	2	.....	1	5	1	2	3	.....	...
443	539	91	174	64	74	3,093	1,812	19,798	9,117	2,045	4,183	19,469	4,355	4,261	4,491	6,362	7
59	37	10	7	3	1	291	158	1,015	412	100	298	1,140	364	217	252	380	...
153	214	36	85	25	22	1,114	548	3,936	1,942	405	1,125	4,491	1,346	945	1,138	1,547	...
5	4	....	14	10	11	54	35	278	101	42	50	226	70	76	105	113	...
4	....	....	....	....	....	1	9	12	3	.....	20	11	.....	.....	8	.....	...
1	2	....	....	....	....	.....	5	14	8	.....	18	13	.....	.....	1	.....	...
.....	....	....	....	....	....	.....	3	13	17	2	1	27	.....	.....	6	.....	...
6	5	3	....	....	....	.....	9	8	9	.....	23	21	1	.....	.....	3	...
11	4	....	12	4	1	41	55	336	233	18	278	609	26	18	110	106	...
.....	....	....	....	....	....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	1	...
21	7	1	....	1	....	3	58	320	37	....	1	8	1	4	11	686	...
.....	....	....	....	....	....	1	.....	1	3	.....	8	.....	.....	1	7	.....	...
13	....	....	2	....	....	1	25	20	19	11	33	347	8	.....	5	1	...
.....	....	....	....	....	....	18	8	13	9	16	25	20	.....	.....	.....	.....	...
8	3	1	....	....	....	136	16	52	128	330	37	56	1	1	2	16	...
.....	1	2	....	....	....	1	4	3	4	6	2	.....	3	.....	5	15	...
3	3	1	....	....	....	1	6	9	8	.....	15	29	1	22	1	1	...
.....	1	....	....	....	....	1	.....	2	2	.....	4	3	.....	.....	.....	.....	...
.....	1	....	....	....	....	.....	1	.....	.....	2	.....	1	.....	.....	.....	.....	...
1	1	....	....	....	....	2	6	3	2	.....	8	4	5	1	.....	3	...
2	....	....	....	....	....	1	3	18	1	5	14	10	6	10	2	4	...
.....	2	....	....	....	....	7	1	13	8	3	4	25	3	2	.....	7	...
8	....	....	....	....	....	17	18	14	8	11	26	27	60	53	45	11	...
.....	....	....	....	....	....	2	1	4	1	.....	.....	.....	11	.....	.....	.....	...
3	1	....	....	....	....	25	12	22	16	2	6	17	22	65	49	18	...
1	....	....	2	....	....	29	10	14	14	13	13	33	25	57	60	39	1
2	....	....	....	....	....	.....	1	2	1	.....	3	.....	6	.....	2	1	...
2	....	....	....	....	....	.....	5	.....	1	.....	8	2	2	.....	1	2	...
2	1	1	....	....	....	9	7	15	6	1	24	13	11	21	21	9	...
.....	....	....	....	....	....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	...
1	....	....	....	....	....	.....	5	2	.....	.....	3	7	.....	.....	.....	.....	...
4	2	....	....	....	....	.....	6	5	.....	.....	15	1	.....	1	.....	1	...
2	....	....	....	....	....	3	7	18	14	1	10	23	3	1	6	11	...
4	1	....	....	....	....	12	3	16	8	12	16	30	.....	4	.....	.....	...
947	890	186	331	120	118	4,978	3,311	26,928	12,502	3,169	7,273	27,405	6,899	6,264	6,717	9,945	8

STATEMENT of Rejections, by Causes and Nationalities, at Ocean Ports, from December, 1902, to March 31, 1920

	Fiscal Year.																		
	1902-1903.	1903-1904.	1904-1905.	1905-1906.	1906-1907.[1]	1907-1908.	1908-1909.	1909-1910.	1910-1911.	1911-1912.	1912-1913.	1913-1914.	1914-1915.	1915-1916.	1916-1917.	1917-1918.	1918-1919.	1919-1920.	Totals.
By Causes																			
Accompanying patients	16	.....	13	39	21	58	60	42	104	53	28	76	58	4	8	1	.....	9	590
Bad character	.....	.....	12	1	61	181	87	98	122	112	80	102	56	17	4	11	2	1	947
Contract labour	.....	.....	.....	.....	.....	23	....	33	28	3	.....	.....	.....	.....	.....	.....	4	1	92
Criminality	.....	.....	1	6	7	17	6	9	10	5	4	3	2	4	.....	1	1	3	79
Head tax	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	6
Lack of funds	.....	.....	.....	1	.....	85	67	34	1,038	246	204	994	452	38	55	19	10	28	3,271
Likely public charges	.....	49	56	73	57	292	66	681	274	164	56	76	71	55	55	19	27	125	2,196
Medical causes	257	225	529	404	264	513	216	585	585	256	328	398	319	34	30	12	19	21	4,995
Not complying with regulations	.....	.....	.....	.....	30	3	7	33	48	119	55	178	40	11	22	8	7	474	1,035
Previously rejected	.....	.....	.....	.....	.....	.....	.....	.....	1	8	1	.....	.....	.....	.....	.....	.....	.....	10
Totals	273	274	611	524	440	1,172	509	1,515	2,210	972	756	1,827	998	163	174	71	70	662	13,221
By Nationalities																			
British	2	8	13	76	61	130	146	183	233	227	161	171	169	42	28	5	11	108	1,774
American	.....	.....	27	17	17	63	2	13	20	2	14	12	29	28	15	11	9	8	287
Other countries	271	266	571	431	362	979	361	1,319	1,957	743	581	1,644	800	93	131	55	50	546	11,160
Totals	273	274	611	524	440	1,172	509	1,515	2,210	972	756	1,827	998	163	174	71	70	662	13,221

[1] Nine months.

STATEMENT of Deportations, after having been admitted, by Causes, Nationalities and Provinces, from December, 1902, to March 31, 1920

	Fiscal Year.																		
	1902-1903.	1903-1904.	1904-1905.	1905-1906.	1906-1907.[1]	1907-1908.	1908-1909.	1909-1910.	1910-1911.	1911-1912.	1912-1913.	1913-1914.	1914-1915.	1915-1916.	1916-1917.	1917-1918.	1918-1919.	1919-1920.	Totals.
By Causes																			
Accompanying patients	4	3	1	4	35	26	21	.....	18	17	16	10	34	5	9	39	10	18	270
Bad character	.....	1	.....	4	.....	30	71	44	71	120	165	159	128	68	60	84	35	22	1,062
Criminality	.....	1	8	1	12	68	115	130	172	242	334	376	404	329	277	274	236	334	3,313
Medical causes	49	61	58	110	126	392	467	212	222	229	370	570	379	206	98	39	70	123	3,781
Not complying with regulations	.....	.....	.....	.....	.....	.....	.....	.....	12	8	4	4	.....	.....	.....	.....	.....	.....	28
Public charges	14	19	19	18	28	309	1,074	348	289	343	392	715	789	635	161	91	103	158	5,505
Totals	67	85	86	137	201	825	1,748	734	784	959	1,281	1,834	1,734	1,243	605	527	454	655	13,959
By Nationalities																			
British	50	69	74	112	168	607	1,235	486	458	540	559	952	877	602	186	36	99	184	7,294
American	.....	.....	.....	2	8	37	98	119	169	256	377	405	461	437	324	407	279	392	3,771
Other countries	17	16	12	23	25	181	415	129	157	163	345	477	396	204	95	84	76	79	2,894
Totals	67	85	86	137	201	825	1,748	734	784	959	1,281	1,834	1,734	1,243	605	527	454	655	13,959
By Provinces																			
Maritime Provinces	.....	2	.....	3	2	14	19	24	25	13	45	45	55	48	19	18	22	22	376
Quebec	18	16	11	27	41	136	684	97	165	186	208	371	397	236	108	123	96	118	3,038
Ontario	3	3	8	19	79	383	907	378	349	348	419	574	543	461	233	166	162	247	5,282
Manitoba	.....	.....	.....	.....	66	226	48	97	121	174	230	334	199	143	40	59	21	40	3,653
Saskatchewan	46	64	67	88	3	19	27	19	23	35	44	59	85	96	54	37	31	30	
Alberta	.....	.....	.....	.....	4	24	14	63	55	95	131	164	224	114	34	30	19	57	
British Columbia	.....	.....	.....	.....	5	23	49	56	46	108	204	287	228	145	116	91	103	141	1,602
Yukon Territory	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	3	.....	1	3	.....	.....	8
Totals	67	85	86	137	201	825	1,748	734	784	959	1,281	1,834	1,734	1,243	605	527	454	655	13,959

[1]Nine months.

The following is a statement showing literature ordered during the fiscal year 1919-20:—

Gaelic Book	300
Immigration Facts and Figures	750
Annual Report of Immigration and Colonization, Bound Copies	10
Annual Report of Immigration and Colonization	1,000
Report of British Immigrant Children	2,000
The Immigration Act and Regulations	12,087
Rural Canada	10,000
5,000 Facts about Canada	500
Canada To-day	2,000
Canada West	580,700

REPORT OF THE CHIEF CONTROLLER OF CHINESE IMMIGRATION, W. D. SCOTT

During the fiscal year ended March 31, 1920, 544 persons of Chinese origin entered Canada, of whom 181 were admitted as exempt from head tax, and 363 upon payment of $500 each. For the purpose of comparison, it is considered advisable to publish statistics relating to Chinese immigration since the imposition of the first head tax in 1885, which was increased to $100 on January 1, 1901, and to $500 on January 1, 1904:—

Fiscal Years.	Exempts.	Paying Tax.	Percentage of total arrivals admitted exempt.	Registered for leave.	Total revenue.
					$ cts.
1886	1	211	0·47	829	11,693 00
1887	.....	124	.....	734	7,424 50
1888	.....	290	.....	868	15,694 50
1889	112	782	12·53	1,322	40,808 00
1890	97	1,069	8·32	1,671	56,258 00
1891	12	2,114	0·56	1,617	107,785 50
1892	6	3,276	0·18	2,168	166,502 50
1893	14	2,244	0·62	1,277	113,491 00
1894	22	2,087	1·04	666	105,021 50
1895	22	1,440	1·50	473	72,475 00
1896	24	1,762	1·34	697	88,800 50
1897	24	2,447	0·97	768	123,119 50
1898	17	2,175	0·78	802	109,754 00
1899	17	4,385	0·39	859	220,309 50
1900	26	4,231	0·61	1,120	215,102 00
1901	26	2,518	1·02	1·204	178,704 00
1902	62	3,525	1·73	1,922	364,972 00
1903	84	5,245	1·58	2,044	526,744 00
1904	128	4,719	2·64	1,920	474,420 00
1904–5	69	8	89·61	2,080	6,080 00
1905–6	146	22	86·90	2,421	13,521 00
1906–7	200	91	68·73	2,594	48,094 00
1907–8	752	1,482	33·66	3,535	746,535 00
1908–9	695	1,411	33·00	3,731	713,131 00
1909–10	688	1,614	29·89	4,002	813,003 00
1910–11	805	4,515	15·13	3,956	2,262,056 00
1911–12	498	6,083	7·57	4,322	3,049,722 00
1912–13	367	7,078	4·93	3,742	3,549,242 00
1913–14	238	5,274	4·32	4,143	2,644,593 00
1914–15	103	1,155	8·19	4,373	588,124 00
1915–16	69	20	77·53	4,064	19,389 00
1916–17	121	272	30·79	3,312	140,487 00
1917–18	119	650	15·47	2,907	336,757 00
1918–19	267	4,066	6·16	3,244	2,069,669 00
1919–20	181	363	33·27	5,529	538,479 00
Totals	6,012	78,748	7·09	80,898	20,537,961 00

The Chinese Immigration Act provides that Chinese legally admitted into Canada may, upon payment of $1 fee, register out, which registration carries with it the right to free re-entry within a period of twelve months. By Orders in Council it was provided that Chinese who left Canada on or since April 1, 1914, up to and including March 31, 1919, may remain away until twelve months after a proclamation has been published in the *Canada Gazette* that a state of war no longer exists. On March 31, 1920, there were away from Canada 7,363 Chinese who, under the provisions just quoted, are entitled to free re-entry. Lack of sufficient transportation facilities is the chief reason why the majority of these have not already returned to the Dominion.

REPORT OF COMMISSIONER OF IMMIGRATION, EASTERN DIVISION, W. R. LITTLE

During the period covered by this report there arrived at border ports 39,061 immigrants, of whom 22,478 were admitted and 16,583 were rejected.

There were 66,172 admissions at ocean ports and 195 rejections.

In addition to the number of admissions and rejections at ports of entry along the international boundary and at ocean ports, there were 27 admissions and 40 rejections at Toronto. This gives a total number of 88,677 admissions and 16,818 rejections.

STATEMENT of Admissions, Rejections, Appeals and Investigations at the various Border Ports for the Year ending March 31, 1920

Ports.	Admissions.	Rejections.	Appeals			Investigations.
			Sustained.	Dismissed.	Entry by Permit.	
Amherstburg	3					
Andover	28					
Armstrong	8					
Aroostock Junction	126	2				
Aultsville	10					
Beebe Junction	1,526	347				
Bridgeburg	2,102	996	8	12	6	12
Brockville	183	48		1		22
Clair	44					
Coaticook	452	65				
Cobourg	54	7				5
Comin's Mills	74					
Connors	3					
Cornwall	220	176	1	1		13
Crystal Beach	6	62				
Debec	130	15	1			
Depot Harbour	2					
Edmundston	100	20		5		1
Erie Beach	5	32				
Fort Erie	220	93		2		
Frelighsburg	45					
Georgeville		1				
Grand Falls	1	1				
Hemmingford	17					
Highwater	1,791	225				
Kingston	105	14		1		174
Lacolle	109	147	5	6	6	2
L'Etete	16	7				
McAdam Junction	1,374	98	1	1		
Malone	305	160				
Mansonville	3	1				
Megantic	104	19				

STATEMENT of Admissions, Rejections, Appeals and Investigations at the various Border Ports for the Year ending March 31, 1920—*Concluded*

Ports.	Admission.	Rejections.	Appeals.			Total Revenue.
			Sustained.	Dismissed.	Entry by Permit.	
Midland		4				
Milltown	61	18				
Morrisburg	8					
Niagara Falls	2,166	5,086	12	5	8	25
Niagara-on-Lake	1	3				
Point Edward	17	2				
Port Lambton	12	1				
Port Stanley	4	1				
Prescott	441	67				
Richmond Road	13	3				
Rockport	2					
Rouses Point	688	539		3		
St. Agnes	100	58				
St. Albans	1,089	345	7	13		4
St. Andrews	52	6	1			
St. Johns		2				
St. Leonards	90	6				
St. Regis	71	2				
St. Stephen	122	119		2	1	8
Sarnia	1,049	391		1	3	14
Sault Ste. Marie	927	226		3	1	49
Sombra	13					
Stanhope	14	5				
Upper Mills	14	3				
Walkerville	624	1,063				
Wallaceburg	4					
Wilsons Beach	2					
Windsor	5,678	6,095				
Wolf Island	1	2				
Yarmouth	49					
Totals	22,478	16,583	36	56	25	329
Halifax	11,161	20		1		
St. John	13,453	37	2	4	5	43
Quebec	37,125	64	8	3		43
New York	3,765	70				
Portland	4					
Boston	250	2				
North Sydney	414	2				206
Totals	66,172	195	10	8	5	292

The above figures do not include the large number of "non-immigrants" such as tourists and persons entering Canada for a temporary purpose from Enrope, the United States, and other countries. It is almost impossible to venture even an approximate estimate of the total number of persons crossing the international boundary, but it may be of some interest to note that during the year about 2,500,000 people were examined by immigration inspectors at the upper steel arch bridge at Niagara Falls and a larger number at Windsor at the ferry dock.

At Windsor there was a daily average of 15·56 admissions and 16·70 rejections.

At Niagara Falls there was a daily average of 5·93 admissions and 13·93 rejections.

Transatlantic accommodation for some time was limited by the space assigned to returned Canadian soldiers and their dependents, otherwise there would undoubtedly

have been a much larger number of admissions from Europe. Applications have been and are being received from residents of Canada for the admission of their relatives. Most of these applications are from alien residents whose relatives live in Poland.

As the result of an epidemic of smallpox in Toronto during December, 1919, the United States Public Health service prescribed regulations for vaccination, which substantially reduced the passenger traffic across the international boundary between the province of Ontario and contiguous United States territory. These regulations were rescinded on or about the 19th of March, 1920, and passenger traffic resumed its normal volume.

IMMIGRANTS

Medical Inspection.—Several applications have been received for independent medical examinations in the cases of immigrants who were rejected upon the ground of insanity and persons certified as feeble-minded. Officers were designated by the Department of Health to make these inspections at inland points. In one case the decision of the port medical officer was reversed. Section 18 of the Immigration Act, however, provides that there shall be no appeal from the decision of the Board of Inquiry as to the rejection and deportation of an immigrant who is certified for insanity or who is feeble-minded, etc. Under the United States law any alien, certified for insanity or mentally defective, may appeal to a board of medical examiners of the United States Public Health service and the appellant may introduce before such board one expert medical witness at his own cost and expense. I would recommend that the Immigration Act be amended so as to provide:—

1. That an immigrant, passenger, or other person certified for insanity or mentally defective shall have the right of appeal to a board of medical officers subject to such regulations as may be made by the minister; and,

2. For the appointment of a medical board to serve at Halifax, St. John, Quebec, and Montreal.

I would also recommend that the Department of Health be asked to designate medical inspectors at the larger border ports so that our inspectors-in-charge can arrange for medical inspection when circumstances justify such action.

SEAMEN

Civil Inspection.—As a result of one of the recent amendments to the Immigration Act, it is now possible to properly manifest seamen. Under date of the 30th of October, 1919, the Commissioner of Customs issued instructions to collectors of customs at ocean ports not to grant a clearance to any vessel arriving in Canada or departing for any port or place outside of Canada until the immigration agent or officer in charge certifies that the master of the vessel has complied with the provisions of the Immigration Act.

All vessels now submit a regular manifest of crews and a supplementary manifest showing seamen who are sick, who are discharged, or who desert. The monthly report of seamen was discontinued as a result of the use of manifests of crews.

Rule 9 provides for a primary inspection and the issue of identification cards to seamen. So far no identification cards have been issued because the question has arisen as to the usefulness of these cards and the necessity of a primary inspection in view of the use of the new form of crew manifest. A satisfactory primary inspection can be made from the manifest as soon as it has been decided to conduct a general medical inspection of seamen.

Special instructions have been issued regarding the civil examination of seamen who ship from United States ports on the Great Lakes. Experience shows that it is very difficult either to make a careful examination of or to manifest seamen on the

Great Lakes, because there are many small ports where we have no regular immigration inspectors. At these ports the inspection work is performed by customs officers who are ex-officio immigration inspectors.

Medical Inspection.—One of the recent amendments to the Immigration Act provides for the medical examination and temporary entry of seamen who require medical treatment. So far, however, no general medical inspection has been made of seamen or crews of vessels arriving at ocean ports. Of 810,097 seamen examined by the United States immigration inspectors during the fiscal year ending June 30, 1919, 4,053 were certified as being afflicted with a loathsome and contagious disease and were removed to hospitals for treatment. Last year out of a total of 1,684 seamen certified for disability at the port of New York, 1,161, or approximately 70 per cent, were certified for venereal diseases. These figures seem to me to be sufficient justification for some form of medical inspection of seamen, many of whom are afflicted with diseases which are a menace to public health.

In the month of February last the acting agent at Quebec called my attention to the occurrence of trachoma cases along the Saguenay river. During the season of 1919, 63 vessels reported at Chicoutimi from the United States via rivers and lakes. The Customs officers who are ex-officio medical inspectors at Chicoutimi and Ha-Ha Bay, have been asked to take the necessary action regarding the temporary entry of seamen at these ports.

As you are aware, immigration hospitals in immigration buildings are now under the immediate jurisdiction of the immigration agent. Seamen afflicted with infectious or contagious diseases, however, cannot be treated in immigration hospitals. I have no information as to what provision is being or will be made by the Department of Health regarding the treatment of such cases in either marine or general hospitals. The Immigration Act provides that seamen afflicted with certain diseases shall be treated at the expense of the transportation company.

APPEALS

One of the most important features of the work of inspection is the taking of evidence, especially in cases where appeals are taken to the minister against the decision of the Board of Inquiry, or where legal process may be taken by petition for habeas corpus. In many cases the records which we receive are unsatisfactory. It is essential that the evidence taken by a Board of Inquiry should be adduced with some degree of skill and that the procedure should be strictly in accordance with the provisions of the statute, otherwise as the result of legal process the court may intervene. I have in mind several cases in which the cross-examination by our officer substantially rebutted direct and damaging testimony. In other cases material evidence is omitted. The result of this procedure is delay, unnecessary expenditure, well-founded complaints by relatives or interested parties and the possibility of successful court action notwithstanding the provisions of section 23 of the Immigration Act. The members of these Boards of Inquiry are inspectors who receive $1,200 per annum. We cannot expect officers who receive such salaries to be highly qualified or proficient in taking evidence. I am of the opinion that the only solution of this difficulty would be the appointment of an officer who has a thorough knowledge of the Immigration Act, who is not only skilled but who has also had experience in taking evidence and who has more than ordinary judgment. I would strongly recommend that provision be made in the classification for an officer having these qualifications. An officer of this class should make occasional visits to the larger border ports and if possible should be stationed alternately at St. John during the greater part of the winter and at Quebec during the greater part of the summer.

INVESTIGATIONS

In addition to the investigations shown on the foregoing statement, 3,984 investigations were made under the jurisdiction of our agent in Toronto and 3,964 investi-

gations were made under the jurisdiction of our agent in Montreal. This work consists of inquiries regarding illegal entry, prohibited immigrants, naturalization cases, causes for deportation subsequent to entry and applications by residents for the admission of relatives. Some of these investigations necessitate hearings before boards of inquiry or officers who have authority to exercise the powers and discharge the duties of such boards. The general work in Toronto and Montreal agencies is more complicated than the work of inspection at the ordinary ports of entry.

DEPORTATIONS

The following statement shows the number of persons deported for causes subsequent to entry and the statutory causes for deportation:—

DEPORTATION, BY CAUSES, FROM EASTERN DISTRICT, FOR FISCAL YEAR, 1919-20

Cause.	To United States.	To other Countries.
Accompanying	9	1
Blindness	..	1
Criminality	146	37
Desertion	..	4
Drug habit	7	1
Epilepsy	..	2
Immorality	6	4
Insanity	14	37
Public charge	30	53
Mentally weak	3	5
Nephritis	..	1
Prostitution	2	..
Syphilis	..	1
Tuberculosis	..	4
Vagrancy	15	3
Totals	232	154

In cases of women who are deported from the United States upon the ground of immorality, the United States Immigration authorities have arrangements for advising certain women's organizations in Europe and elsewhere of the facts and circumstances of such cases, so that upon the arrival of these women at the port of disembarkation, responsible and charitably disposed persons or organizations may have an opportunity of extending assistance not only from a humanitarian point of view but also for the purpose of moral reform. I am of the opinion that somewhat similar work might be undertaken by the National Council of Emigration of Women for Household Service, which has not only a representative in the United Kingdom but has also conductresses who accompany parties of women to Canada and who probably have few, if any, duties to perform on eastbound trips.

BUILDINGS AND EQUIPMENT

Quebec.—It was represented that the overhead passage between shed 26 and the immigration building at Quebec was unsafe. As you are aware, the Department of Public Works has been asked to make the necessary repairs and our agent at Quebec has been instructed to regulate the passenger traffic to prevent accidents. You have already asked the Department of Public Works to replace the present overhead passage by a more durable and substantial structure. It is proposed that the new overhead passage shall be built of steel and concrete and if possible in a direct line between the immigration building and a point between sheds 18 and 26. Proper connections can be made with the high level landing now being constructed along a portion of the front of shed 18, and the high level landing of a two-story steel and concrete shed the erection of which is now contemplated on the present site of shed 26.

Complaints have been received regarding the delay at Quebec of passenger vessels destined to Montreal. These complaints have arisen as the result of the decision by the Department of Health that in no case is medical inspection to be

made after 7 p.m. in winter and 8 p.m. in summer. Civil inspection of immigrants is preceded by the medical inspection so that the time within which civil inspection can be made is governed by the decision of the Health Department. I am of the opinion that the only solution of this difficulty is the examination at Montreal of passengers on all vessels bound for Montreal and the examination at Quebec of passengers on all vessels the terminal point of which is Quebec. If this project is ever adopted provision should be made for a common landing stage where ample accommodation should be provided for immigration inspection.

St. John.—Until the beginning of the present year very inadequate facilities were available at St. John for handling baggage. Some years ago a small baggage shed was provided but was very seldom used on account of the lack of accommodation, distance from the landing dock and limited space for loading baggage on cars. There has been erected a new baggage shed which offers ample accommodation for handling of baggage and which is heated, thereby affording ample comfort to immigrants and passengers during customs examination and checking. A moveable fence and a new ramp have also been erected between the foot of the gangway and the assembly room. Prior to the erection of this fence, passengers who were not examined mixed with passengers who were examined and it was impossible to conduct a proper inspection. The arrangements are now eminently satisfactory and both medical and civil examiners have every opportunity to properly perform their work.

Halifax.—The immigration building at Halifax was taken over from the military authorities and the necessary alterations for immigration inspection are now being made by the Department of Railways. A considerable number of vessels bound for New York call at Halifax, where immigrants and passengers destined to Canada disembark. European passengers destined to Portland are also being examined at Halifax.

REPORT OF COMMISSIONER OF IMMIGRATION, WESTERN DIVISION, T. GELLEY

Immigration from the British Isles and Europe.—There has been little immigration from the British Isles to Western Canada compared with pre-war years owing to the restrictive measures in force. When passengers from the various ports leave for the West I am advised by wire. An officer meets the train at Winnipeg and renders any assistance to these immigrants that may be necessary according to their several requirements.

Immigration from the United States.—The following figures show that an increased number of settlers arrived from the United States, as compared with the previous year, and that also they brought with the more wealth and stock and effects:—

Number of admissions		Amount of of stock effects.	Amount of of cash and wealth.
1919-20..	23,300	$3,335,138	$10,487,085
1918-19..	19,115	2,169,856	8,751,673
Showing an increase of..	4,185	$1,165,282	$1,735,412

The rejections amounted to 1,741, as compared with 1,007 last year, showing an increase of 734.

Deportations.—There were 125 deportations carried out by officers under the jurisdiction of this office, as compared with 87 last year. Of the 125, 57 were deported to the United States and 66 were taken east on their way to European countries, and there were 2 Chinese deports.

Farm Labourers from the United States.—Owing to the adverse climatic conditions of last year, the grain crop of Western Canada was below the average and there was a sufficiency of farm labour in the country without making any effort, or offering any special inducement in the way of cheap rates, to bring in farm labourers from the United States.

Immigration Halls, Winnipeg.—During the year No. 1 Hall sheltered and accommodated 1,084 persons who were passing through Winnipeg to western points. Out of this number, only four required assistance. There were also 114 deports cared for and 4 persons held for investigation.

The total number of meals supplied, namely, 3,249, cost $566.18, showing an average cost per meal of 17½ cents. While this amount is very low considering the cost of living, it shows a large increase over last year, when the average cost per meal was 10¾ cents.

I referred last year to the fact that the two upper floors of No. 1 Hall were being occupied by the Military Hospitals Commission. Recently, the third floor has been evacuated by the military and is now being used for immigration purposes, but the fourth floor is still being used as a convalescent home under the auspices of the I.O.D.E.

No. 2 Hall, which before the war was used for sheltering immigrants mostly from central European countries, has for the last few years been occupied by the military authorities, but was also recently turned over to us again, and, there being now no use for it, it has been turned over by us to the Public Works Department.

No. 3 Hall, which for many years was the hospital in connection with this department, was used by the military during the war and recently handed back to us. At present, it is being used by the Children's Aid Society as a shelter for some children whose homes were recently destroyed by fire on Mayfair avenue, Winnipeg.

Grain Warehouse.—The following exhibits were prepared during the year by our staff and forwarded to Canadian Government agents in the United States for exhibition at the most important United States fairs and for window display:—

218 Cases containing grain-in-straw, grasses, sheaves and designs of wheat, oats. barley, flax, rye, timothy, alfalfa, red top, pea vine, clover, vetches, millet, buckwheat, blue joint, hemp, corn, sudan grass and spelts.
121 boxes containing various threshed grains.
36 boxes containing cheese, honey, flour and cereals.
698 crates containing vegetables.
155 boxes of samples of various grains and grasses together with descriptive literature of Western Canada were sent to United States schools.

Labour Bureau.—New arrivals to the number of 2,937 during the year applied to this office for information regarding employment or regarding agricultural settlement. After being supplied with such information as we have, they were directed to the representatives of the different provinces in which they were interested, or to the new Employment Service of Canada where employment was required.

Border Ports.—There are 32 ports under the jurisdiction of this office with a staff of 28 immigration inspectors and 20 customs officers acting for this department. These ports have been regularly inspected by the travelling boundary inspector. See statement for admissions at each port.

Investigations.—The Investigating officer has been fully occupied with the various investigations that have been necessary, and during his absence on leave through illness last year, the travelling boundary inspector performed these duties where possible, and I used other officers of the department when available. I also wish to pay tribute to the excellent assistance received from the Royal Canadian Mounted Police and the various provincial and city police forces in the carrying on of inquiries for us.

Outside Immigration Halls and Agencies.—There are fifteen agencies under the jurisdiction of this office, eleven of them have halls and four are without. During the year, a total of 5,567 immigrants were sheltered as compared with 4,168 during the previous year, showing a total increase of 1,399. These agencies have been regularly inspected by the Superintendent of Western Agencies..

REPORT OF COMMISSIONER OF IMMIGRATION, PACIFIC DIVISION, A. L. JOLLIFFE

During the period under review there has been a marked increase in the amount of business handled at all ports, this being due to the heavier travel both of tourists and business people, and to an increasing amount of investigating work, both the result of the gradual return to normal conditions after the war. Transpacific travel has been exceptionally heavy, every vessel both arriving and departing from Canadian ports carrying their full passenger capacity; in fact the steamship service has been unable to meet the requirements, and will, I understand, be augumented in the near future.

The period of unrest and reconstruction following the war has necessitated extra vigilance and care on the part of our officers with a view of preventing the entry to Canada of persons of the undesirable classes, and the comparatively small number of aliens who have entered since the war and whose cases have necessitated investigation demonstrates the efficiency and value of the work of these officers.

During the year particular attention has been given to the supervision of border and ocean port inspection, with the result that improvements have been made from time to time which have proven of benefit to the travelling public and to the department.

The increase in the amount of travel across the international boundary has already necessitated an application for an increase in the staff at one port, and the prospects are that further increases will be necessary at other points in the near future.

The general conditions in this district are considerably improved since my last report; lumbering is active as is also mining and agriculture, several large projects in the last two mentioned being well under way.

The work of the Chinese Branch, both at Vancouver and Victoria, has been extremely heavy, particularly during the first six months of the period under review, this being the result of a large number of rejections necessitated by the attempted entry of labourers under the guise of students; these rejections and deportations totalled considerably over four hundred, two particular cases being contested in the Courts, and in a large number of cases boards of inquiry were necessary to effect deportation; in both the cases taken to the courts the department was successful.

There have been several important court decisions which are referred to later in this report.

STATEMENT OF CHINESE PERSONS HANDLED.

	1918–19.	1919–20.
Admitted paid tax at Vancouver	2,186	177
Admitted paid tax at Victoria	413	49
Admitted at Vancouver for registration at Ottawa	636	115
Admitted exempt at Vancouver	153	134
Admitted exempt at Victoria	135	52
Exempt applications rejected, Vancouver	49	55
Exempt applications rejected, Victoria	3	7
Exempt cases admitted by department on appeal at Vancouver	3	3
Exempt cases admitted by department on appeal at Victoria	..	..
C. I. 9 registrations, Vancouver	1,099	3,649
C. I. 9 registrations, Victoria	2,130	1,830
Persons admitted in bond to travel to other countries	5,319	1,797
Cases paying tax after exempt rejection at Vancouver	38	36
Cases paying tax after exempt rejection at Victoria	3	5
Number deported after rejection from Vancouver	2	266
Number deported after rejection at Victoria	8	216
Bonds forfeited at Vancouver	$6,500	$1,000

Considerable extra work was placed upon the officers of the Chinese Branch, particularly at Victoria, in connection with the handling of Chinese Coolie Battalions passing through Canada in bond from France, the total number who were checked outward by manifest being approximately 49,000 of which 40,000 were handled by the Victoria staff.

It will be noted from the above statement that the percentage of exempt rejections still continues to be extremely high, again figuring at over 25 per cent. The investigation of these cases is becoming more complicated each year, taking considerably more time than heretofore, and requiring to be handled by officers trained to this particular branch of the work.

During the year 196 boards of inquiry were convened in this district, of which 176 were held at Vancouver, and 20 at Victoria; 86 of these boards were held on passengers applying for admission to Canada, resulting in the deportation of 39; the balance were held on persons resident in Canada who were arrested by officers of this department and charged for offences under the Immigration Act. Of the last-mentioned those of chief interest were the cases of twenty-two Russian agitators arrested as being members of the Russian Workers' Union, an organization teaching disbelief in and the overthrow of organized government. The board hearings on these cases lasted for over three months each being bitterly contested. Fourteen of the aliens were ordered deported and the others released with warnings. Of the fourteen ordered deported, three endeavoured to secure their freedom by application for writ of habeas corpus, but were unsuccessful.

An analysis of the arrest cases will be found in statement form below:—

	Entered by		Entered as non-immigrant and remained	Undesirables, Secs. 40 and 41	Prosecutions	
	Stealth	Misrepresentation			Convicted	Dismissed
Arrested and deported	18	24	12	1		
Arrested and admitted	2	5	1	9		
Arrested and prosecuted					22	3
Arrested and waiting deportation	1		2	13		
Arrested and waiting decision	3		1			
Arrested						

The above cases make a total of 117 arrests, of which 94 were at Vancouver and 12 at Victoria, and also 11 at White Rock, Pacific Highway and Huntingdon.

In addition to the cases referred to above 66 deportations were effected from penitentiaries, prisons, and asylums in this district.

A statement is given below giving information relative to detentions in our buildings for year ending March 31, 1920.

	1918–19.	1919–20.
Persons detained at Vancouver	7,858	5,128
Persons detained at Victoria	5,068	2,921
Number of meals supplied at Vancouver	81,505	65,748
Number of meals supplied at Victoria	68,680	16,418
Cost of janitor supplies at Vancouver	$361.61	$610.84
Cost of janitor supplies at Victoria	$103.21	$98.24
Building account balance in favour of department—		
At Vancouver		$6,243.15
At Victoria		$2,630.75

REPORT OF INSPECTOR OF UNITED STATES AGENCIES, W. J. WHITE.

In the early part of the fiscal year just closed, it was the set purpose of the staff of agents working in the United States, under direction from Ottawa, to make unusual effort in carrying out the instructions of the department, and work with the end in view, to secure none but the most desirable class of settlers, for Canada. The work of the year will disclose that a highly desirable class of settlers was sent forward, and bear evidence of the fact that the instructions were well carried out. This is borne out in the fact that of the rejections at the border the percentage of those who may have gone forward from different agencies was so small as to be scarcely noticeable. This meant considerable work on the part of the representatives of the Government doing field work in the United States, involved in which was a keen study of human nature, and a care in judging as to personality and desirability, for it is often the case that the least desirable are the cleverest in presenting their case. No one, unless intimately associated with the work can conceive the number wanting to "make the trip" to Canada, who on being questioned and critically examined, were found to be of a class that our Government has termed undesirable. By advising them that they could not secure admission they were saved the cost of transportation to the boundary and back to their homes again, and the boundary inspector relieved of an immense amount of labour. In some cases the applicant would become abusive, berate Canadian institutions, the Government, the officials and the country, and enter dire threats of what would result because of the refusal to give them a certificate that would entitle them to privileges of the preferred class, going to prove the wisdom of the agent and the soundness of his decision.

Therefore, with the work on the ground, as thus performed, and that of the checking at the boundary, Canada may well feel proud of the class of settlers that has crossed over its border to take part in the reconstruction so necessary after the close of the great war. Had it not been for this, no one can tell what internal happenings might have occurred as the result of the immigration of a class of people whose whole aim and purpose was to disseminate strife and foment trouble.

Towards the end and at the close of the war, I heard many people say, "Now, we should have the largest immigration we ever had." These people did not realize that the great homestead area of Canada, which held 160 acres of land for every one who chose to take it, and which, in 1911, or thereabouts, drew hundreds of thousands, had become restricted. Homesteads were less plentiful and of those that were left the Government had withdrawn many of them for other purposes, and there now remains only the lands that were purchasable through land agents and land companies, unless those at a great distance from the railway. The homesteader looking for free land was as plentiful as before, the number of inquiries was as great, but the free land, such free land as he had been getting, located as it once was, was no longer there. It was farther back from the line of railway, it was not so free from scrub and timber, therefore not as accessible nor as attractive. Consequently, the prospective purchaser was the chief one upon whom our agents, our literature and our advertising had any effect. Any one who has something valuable to give away as we had had, and is now merely offering the opportunity to purchase, can realize why the prophecy that our immigration in 1919-20 would be greater than that of any previous year, could not be fulfilled.

"But," as some were prone to say, "quantity was being sacrificed to quality," Probably, but there is room for argument. It is true, that in 1919-20 the number entering Canada as settlers was less than in 1911, and did not meet the ideas of those who prophesied numbers in excess of any previous year, but they brought with them money and means much larger proportionately than in any previous year. These people brought wealth with them. On the other hand, the class that went in as homesteaders, or at least many of them, who brought neither means nor money, or very little, have brought from the soil a wealth that has increased the national wealth of the country to an untold degree, and their own at the same time.

In looking forward, and into the very near future I do so with a great deal of optimism, more so than at any other period of the work. There are a number of factors that help to create this. Canada, the possibilities that she possesses, the resources within her realm, the potentialities that belong to her, are no longer unknown qualities in any part of the territory in which we are operating. That it has land that will yield a splendid income on any investment much in excess of what may be at present required, that its mines, and timbers, its fisheries, its raw products and the power that will convert these into the manufactured article for many industries, and the employment of thousands, stand out strong and invitingly, while its shipping and transportation facilities are equal to those enjoyed by any portion of the continent, are facts that are well known.

Land values throughout the States have reached to figures that make the most intensive kind of farming necessary in order to secure a fair return for the investment. Many, owing to the unexpected increase to which their land values have gone, have sold and others contemplate doing so, disposing of their lands, and looking about for other fields, fields which they can purchase for less than they have sold or can sell for, and which will produce as abundantly as those they have left. A glance over the border, into Canada, and there they see old friends who are doing well, amassing wealth that they never had dreamed of, they see fields there they can do as well as their friends, where their investment will be safe and secure, where laws and social conditions are perfect, where they can increase their holdings, and still leave them a portion of money for a nest egg, for the land can be purchased from a third to a quarter of that for which they had sold their home farm.

The propaganda of the department which was carried on during the year with as great vigour as at any time in the past, has consisted of advertising in newspapers. exhibiting the products of the Canadian farm at important exhibitions at the best centres, distribution of literature dealing with the possibilities in the development of Canadian farms, and personal solicitation. As previously pointed out, the results have been as satisfactory as could be expected. What helped this, was that there was nothing over-stated. This is borne out by the statements sent back to the friends of those who had gone to Canada, many of them bearing evidence that "not the half had been told."

A factor that would be a helpful influence in our work in the United States, wouuld be the organization of "Community Clubs" throughout the districts in Canada seeking settlers. The work that these clubs could perform with benefit and advantage to themselves, as well as to the incoming settler would be to give the hand of welcome to the man arriving in the district. He may have been a pioneer once himself. that would not create indifference on his part if he saw the "Welcome" sign; his appreciation would be more marked. There are those going forward who never had the pioneering experience, who have spent all their lives in well equipped farms, in well settled neighbourhoods with social advantages all their days on the home farm. What the "Welcome" sign would mean to them, does not require any diagram to illustrate. It does not require any great stretch of imagination to tell what the results would be, nor to picture the pleasure that it would give to the folks "Back home," when they read of how well those who have gone to Canada have been received, of their delight when they read of the light in the window, the fire in the stove, the kettle boiling, the coffee ready, the bacon sizzling, and the "rolls and butter." This may seem homely to some, may seem unnecessary to others, but by way of illustration it goes to show the home spirit, the welcome that should be abundant everywhere. Down in Illinois and Iowa I have listened to the reading of just such letters, have read them myself, and can bear testimony to the splendid feeling that they have wrought in the minds of the prejudiced, and then seen these same prejudiced ones off on the trail on their way to Canada.

Some districts in Western Canada now have their community clubs, and in cases they feel that their work has little effect I wish to bear testimony to the fact that it is appreciated by all our agents, who express themselves as hopeful that it may be extended into all parts where settlers may be sent.

As to the prospects for 1920-21, I anticipate an increased immigration. The things that I have already outlined, that have helped to cause the emigration of a splendid lot of settlers from nearly every state in the Union still remain factors that will bring about what I anticipate. Land prices are well maintained, and as prices advance, rents advance, and the condition of the renter becomes such that he cannot afford to work for the other man any longer. When he learns that for little more than he is now paying rent, he can get a good farm in Canada (and he has already heard of the good crops grown there, of the social and other advantages that Canada possesses) his mind is made up. He seeks a Canadian Government agent, learns of the best route to take, is advised where he may get a free homestead, or told to whom to apply if he wishes to purchase and gets a certificate that will procure him a ticket at a reduced rate in Canadian territory and is given an opportunity to look over the country and make a selection. The agent has willingly given him all this information. He could have given him more if desired. He could have told him all about the customs, what he might take in free of duty, and if he had an automobile he had owned for six months, and wished to take it with him for his farm use, he would have no duty to pay; if he had a tractor that he had owned for a like period and used on his farm the same privilege was afforded. His horses and cattle up to a certain number were likewise admitted free. The agent can advise him on many other matters relative to Canada, for he is now the head of the Canadian Government Information Bureau, a title that gives him the opportunity to disseminate more information than he has hitherto found it necessary to avail himself of.

I feel that there is no necessity to apologize that the Unitel States immigration to Canada in the past year, did not come up to the expectations of some and the prophecies of others. It was good, greater than I expected, showed an increasing confidence in the country, and brought to Canada a greater per capita wealth than in past year. It is but a reflex of what may be expected in 1920-21. There will be a steady flow in increaseing numbers, that will add materially to the wealth of the country and bring within its boundaries a class whose influence and experience will be helpful in bringing forward many others. A result of the movement of a wealthy class and a class that brings with it farming and that is now making itself apparent, is the advancing price of farm lands in our country. While they are as yet far from their real value, and much below what land in the United States, producing no more, is selling for, the day is not far distant when present values will be doubled. What will help to bring this about, and probably as quickly as anything, will be the gift Providence may bestow in granting another bumper crop in 1920 such as we had in 1915. Then, but let us not predicate too much for it may not happen, the price of land would increase, might increase, to a figure that would cause the foreign purchaser to ponder. Pondering would be dangerous.

REPORT OF CANADIAN EXHIBITION COMMISSION, A. W. TOLMIE.

At a committee meeting called together in April, 1919, it was decided that the Canadian Government should actively engage itself in exhibition work, with a view to advertising opportunities in Canada for intending settlers as well as bringing to the notice of capitalists, the wonderful field for investment in the development of Canada's natural resources. The carrying out of this work was intrusted to your Exhibition Branch, and from results received as to results which are already showing, I consider the expenditure involved has been amply justified.

In order to give you an idea of the work carried on last year, I will deal with it under the following heads:—

(*a*) Permanent Exhibit, Chicago.
(*b*) State and County Fairs in United States.
(*c*) Exhibits in Great Britain.
(*d*) Collection of Exhibits.

(*a*) Permanent Exhibit, Chicago.

In June, 1919, we installed a permanent exhibit in the Live Stock Records building, Union Stock Yards, Chicago. The exhibit covers an area of 320 square feet with a wall space 12 feet in height. It is contained in a show case with plate glass front, the exhibit itself being made up of products of the field, orchard and mine, all these products are arranged in an artistic and attractive manner.

This exhibit is located, as stated before, in the Live Stock Records building, in which building are permanent exhibits made by the leading mail order houses in the United States, who deal in farmers' supplies. As there are hundreds of drovers and farmers visiting this building every day, the Canadian exhibit is seen by them as it is situated immediately in front of the main entrance.

(*b*) State and County Fairs in the United States.

Our main work in the United States was in connection with exhibits made at 27 state fairs,—the fairs attended being:—

Grand Forks, N.D.	Topeka, Kan.
Milwaukee, Wis.	Oklahoma, O.
Burlington, Ia.	Wichita, Kan.
Springfield, Ill.	Dallas, Tex.
Peoria, Ill.	Detroit, Mich.
Waterloo, Ia.	Syracuse, N.Y.
Indianapolis, Ind.	Harrisburg, Pa.
Louisville, Ky.	Spokane, Wash.
Memphis, Tenn.	Yakima, Wash.
Sedalia, Mo.	Salem, Ore.
Helena, Mont.	Lancaster, Pa.
York, Pa.	Lincoln, Neb.
Springfield, Mass.	Huron, S.D.

The above-mentioned state and agricultural fairs run for a period of from one to two weeks, are operated under the official patronage of the State Government. Permanent buildings to house the exhibits are situated in well-laid-out exhibition parks. As these fairs are well advertised, and good exhibits and other attractions are offered the public, they are exceedingly well attended and consequently afford a good opportunity to us to advertise Canada.

Owing to the fact that many of these fairs were running at the same time, this branch was not itself, able to install exhibits at all of them, however our own Staff actually installed nineteen of these exhibits, in order to do this we built in Ottawa, five complete exhibits which were put on the five separate circuits indicated below:—

Circuit No. 1.—Grand Forks, N.D.; Fargo, N.D.; Burlington, Ia.; Milwaukee, Wis.; Waterloo, Ia.

Circuit No. 2.—Sedalia. Mo.: Topeka, Kan.; Oklahoma, O.; Dallas, Tex.

Circuit No. 3.—Springfield, Ill.; Indianapolis, Ind.: Louisville, Ky.; Memphis, Tenn.

Circuit No. 4.—Detroit, Mich.; Peoria, Ill.; Wichita, Kan.

Circuit No. 5.—Syracuse, N.Y.; Lancaster, Pa.; Harrisburg, Pa.

Our itinerary was so laid out that as soon as one of our men had finished installing an exhibit he was able to proceed to the next point where there was another complete exhibit on the ground ready for him to start installing, the consequence was that the Canadian exhibit was always complete and ready to receive the visiting public on the opening day. Owing to the unsettled condition of transportation facilities in the United States last summer, it was impossible to get quick service on any shipments with the result that most exhibitors who had not taken precautions to have their exhibits properly handled, did not get them installed until the fair was half over and some less fortunate, never received theirs at all. Two members of the exhibition staff were able to handle all this road work with the exception of two weeks in the busiest season, when it was necessary to send out a third man. I must say, however, that these men were always most ably assisted by your agent in the district in which they were working.

As soon as the exhibit was installed it was taken over by the Government agent of the district, who was always present to distribute literature and give any desired information. The exhibits themselves, contained fine specimens of grains, vegetables, fruits and minerals, all worked around a spectacular centre piece, which proved to be a great drawing card. The exhibit covered an average floor area of 500 square feet with 12 feet of wall space. The average daily attendance at all of these fairs is conservatively estimated at 25,000.

Exhibits at the remaining eight state fairs, which we were unable to handle, were made by the agent in the district.

Owing to the fact that these fairs were of less importance than the other nineteen already mentioned, and also on account of conflicting dates, and taking into consideration the long distance exhibits would have to be shipped, it was decided that smaller exhibits be made from materials supplied from the Winnipeg warehouse.

Besides these state fairs, smaller exhibits were made at 64 county fairs in different parts of the United States, these exhibits which last only one or two days, were handled entirely by the different Government agents throughout the United States. Materials were sent them from Winnipeg with which to make these displays.

International Live Stock Show

This exhibition is held in the Union Stock Yards in Chicago and has perhaps, the greatest attendance of any annual exhibition in the United States. At this exhibition, we rented the space immediately in front of our permanent exhibit and in this space we installed a supplementary exhibit; this gave us in all, 700 square feet of exhibit space. I do not think that I need say anything more about this exhibit, than that the president of the Union Stock Yards was so impressed with it that he personally went with his own motor car and brought the president of the Sears Roebuck Company—perhaps one of the largest advertisers in the world—to see our exhibit, and I may say both of these gentlemen were most complimentary in their remarks.

(*c*) Exhibits in Great Britain

Owing to the war, exhibition work in Great Britain was at a standstill for five years; however last year a few agricultural shows were held. In order that Canada might be suitably represented at these exhibits, exhibit stands were made and materials secured in Canada, which were shipped over to Mr. J. Obed Smith, Superintendent of European Emigration, to be used by him in connection with agricultural fairs throughout Great Britain.

Exhibition work in Great Britain differs greatly from that in the United States, in that, the agricultural fairs with the exception of three or four larger ones, lasting for a week, are open for only one or two days, and consequently do not merit an extensive exhibit.

(*d*) Collection of Exhibits

In order that suitable samples of grains and grasses may be available for exhibition purposes each year, it has been the custom to secure good samples from each years's crop,—this is done through the Winnipeg branch of the department who are in touch with the best growers in Western Canada, and are thus able to secure a good supply of these materials. Fresh vegetables grown in Western Canada are also secured in the same manner and shipped to the different exhibitions. Samples of Fruits and Minerals have been supplied by the Exhibition Branch from their stock in store at Ottawa.

On a request made by the Department of Railways and Canals, we installed an exhibit at the National Motor-Boat Show, New York city. This exhibit drew particular attention to the Trent Valley waterway with an idea of attracting tourists from the United States. We followed this exhibit up by mailing maps and official information to some 1,800 visitors who registered at the Canadian exhibit, and judging from the replies and many further inquiries we have had, I think many motor boat enthusiasts will patronize this route this year.

At the close of this year we have plans underway for the installation of two small permanent exhibits in the United States as well as quite an extensive programme for exhibits at the different state and county fairs in the United States together with Agricultural Shows in Great Britain.

I regret to say that Canada this year, lost one of her most valued servants, in the death of Colonel Wm. Hutchison, late Canadian Exhibition Commissioner. Mr. Ernest Girardot, a very capable member of the exhibition staff, also passed away during the year.

In closing I wish to say that I consider that this exhibition work, if properly carried out, is one of the best mediums of placing Canada's products, and inducements to settlers, before the people. While we may not be able immediately to induce the American or British farmer to come to Canada, or the capitalist to invest his money, we can, by making a striking and attractive exhibit, so impress the name "Canada" on his mind that when he does consider a change of residence or investment of funds, he will remember that Canada has something to offer.

REPORT OF THE DIRECTOR OF PUBLICITY,

ROBERT J. C. STEAD.

The publicity work of the department falls into six classifications, viz, advertising, literature, news and feature articles, lectures, editorial parties, and general.

Advertising.—The newspaper advertising of the department consists of carefully prepared copy planned to place Canada's agricultural attractions before classes of people likely to make good settlers. Only small displays are used, seldom exceeding four inches deep by two columns wide, but it is aimed to utilize as many publications as possible, particularly those which circulate mainly among farmers. During the year our advertisements appeared in approximately 5,700 papers in the United Kingdom and the United States. In addition to display advertising paid readers are inserted in large lists of papers setting forth the attractions which Canada has to offer to settlers.

Literature.—The principal publicity literature issued during the year consisted of an Atlas of Canada and a "Canada West" booklet. The Atlas of Canada is used mainly for distribution to school teachers and school children in the United Kingdom and the United States in order that the rising generation in these countries may have a fair understanding of the geography, climate, and natural resources of Canada, and some information about the history, customs, and industries of the people. It is hoped by this means to correct the grotesque ideas about Canada which still prevail in many communities. The Atlas is a book of eighty pages, and contains, besides text matter, twenty-two pages of maps and seventy-seven half-tone illustrations of scenes in Canada. Some 600,000 copies were produced, of which 350,000 were alloted for distribution in the United Kingdom and 250,000 in the United States. We also issued 10,000 copies of a wall map of Canada to be supplied free of charge to schools in the United States. A supply of similar maps was on hand available for use in schools in the United Kingdom.

Our principal piece of literature for circulation among prospective settlers is our "Canada West" booklet, of which a new and revised edition was issued during the year. This is a publication of forty pages with attractive cover in colors. It contains maps of Manitoba, Saskatchewan, Alberta, and British Columbia, and information of interest to settlers concerning each of these provinces. It is illustrated with sixty-one drawings or half-tones showing typical Western Canada scenes. Some 675,000 copies of this publication were produced, of which about 550,000 copies were distributed during the year.

Information and material were gathered for a booklet to set forth the settlement opportunities in Eastern Canada as the "Canada West" booklet does with respect to the Western provinces. It is proposed to issue this booklet during the year 1920-21.

News and Feature Articles.—An important branch of our publicity work is the supplying of news and special articles to editors, news distributing agencies, and others. A weekly news letter service was inaugurated, dealing mainly with natural resources, development news, and opportunities for settlers in Canada. This is supplied to editors and news distributing agencies in the United States, the United Kingdom, and Canada. Quotations from it are liberally used, and the demand for the service has been greater than our limited staff could supply.

Two hundred and ten special articles were prepared, edited, or revised for publicity purposes in connection with the work being carried on by the Department of Immigration and Colonization, in giving information about settlement opportunities and general conditions in Canada. Clippings received show that these articles were published in newspapers and periodicals with an aggregate circulation of over forty millions.

Lectures.—The department at present employs no lecturers on salary, but agents frequently give lectures, and information and lecture material is supplied to other public speakers as required. During the year we selected the photographs and arranged for the making of hand-coloured lantern slides covering three different subjects, viz., Agricultural Scenes and Opportunities in Canada; Industrial Development and Natural Resources of Canada, and Canada's Beauty Spots. There were seventy-five slides in each set, and twenty sets were made covering each subject, or sixty sets in all. These slides were supplied to the Superintendent of Emigration for Canada, London, accompanied by complete lecture notes for each subject.

Editorial Parties.—An effective means of publicity is found in the practice of conducting editors, individually or in parties, through portions of Canada in order that they may observe with their own eyes the conditions and resources of the country and so obtain a first-hand knowledge of its possibilities. During July and August, 1919, a party of members of the National Editorial Association of the United States were conveyed through Western Canada in a special train as the guests of the department.

The party assembled at Winnipeg and travelled to Vancouver via Edmonton over the Canadian National and Grand Trunk Pacific railways; returning, the trip was made from Victoria to Winnipeg via the main line of the Canadian Pacific railway, with detours to leading points of interest en route. Everywhere the visiting editors were received with the greatest hospitality, and there is no doubt that even those who were best informed as to the development which has taken place in Western Canada in recent years went home with enlarged visions of the possibilities and attractions of that country. As a result of this excursion many lengthy and favourable articles on Canada appeared in the papers represented on the trip. Clippings received show a total of more than 242,000 lines of comment.

General.—In addition to these specific channels for publicity effort, much is accomplished by personal interview and correspondence. The publicity organization of the department is called upon to answer a great variety of inquiries, from the letter of a prospective settler asking information about Customs regulations as they apply to immigrants' effects, to the personal call of the visiting journalist or public man who comes to get the "atmosphere" of Canada at first hand. In every such incident the publicity opportunity is recognized.

With a view to obtaining for publicity purposes the first-hand experiences of settlers in all parts of Canada, a "Settlers' Letters Competition" was conducted. Prizes were offered for the best statements of experiences in each of the provinces, and over one thousand entries were received in the competition, the judging of which is now in progress.

SUPERINTENDENT OF EMIGRATION FOR CANADA, IN LONDON, ENGLAND, LT.-COL. J. OBED SMITH.

Owing to the conditions arising as the result of the great war, the reports of each fiscal year since the commencement of hostilities have been necessarily scant as the movement of new people to Canada was so restricted as to have been almost prohibited.

I should point out that the class of person seeking to go to Canada in these days in no sense is the same as in the early days of emigration. In the days of steerage passage on a passenger liner, sleeping and eating among the anchor chains and bilge water, the emigrant of those days sought relief and a living overseas as a forlorn hope. The reverse is now the case. Times have changed. Children have been educated and people live well in the British isles, and, there being little or no destitution, Canada has to make her appeal to the best blood and sinew of the homeland in the cradle of the British race.

An inquirer now is one who asks fifty questions, whereas an emigrant of years ago asked only one, and that was probably how much his ticket would cost. This leads up to an enormous amount of detailed work and correspondence, in addition to the many interviews that are personally given by fifty officers of the department.

A glance at the figures in this report and the auxiliary reports attached will be the best evidence that it is no longer possible to gather in suitable people for Canada in any wholesale or simple manner, but this branch of the service must be adequately equipped on all lines in order to cope with their responsibility, which is very great, towards these people who root up the family tree on this side of the Atlantic, carry it five thousand miles or more overseas and plant it down there, either to bloom and fructify, or to fade and wither away. This responsibility is often inadequately understood by the people of Canada and the Government. It is not too much to say that at least a human being, as a potential asset in any country, ought to be selected and receive as much consideration and be as carefully nurtured and provided for as the produce of the manufacturer or the cattle of the field.

The process of devolution from war conditions to peace conditions has been but gradual and only towards the end of the fiscal year was our organization sufficiently complete to justify a continuance of the practice of having licensed booking agents visited in their respective districts from time to time by our own emigration officers. This has been taken advantage of with most excellent results, because, at the same time, our agent, having previously advised of his arrival and offering to interview any person desiring to go to Canada, has found at times no less than fifty persons at booking agents' offices waiting to see him.

On the 29th November, 1919, I distributed to all booking agents and others concerned a special circular letter setting forth conditions in Canada and the regulations that were then in force for this purpose, and the steamship companies and booking agents very willingly complied with all the regulations and the suggestions therein were carried out to the advantage of all concerned.

Special momentary regulations were put into effect to continue until March 31, 1920, and the following circular was issued:—

DEPARTMENT OF IMMIGRATION & COLONIZATION, GOVERNMENT OF CANADA,
11-13 CHARING CROSS. London. S.W.1, January 10. 1920.

Special Notice to Booking Agents.

Under the authority of an Order in Council of the Canadian Government now immediately in force the landing money requirements set out in our Memorandum dated November 29, 1919, have been amended to provide that all immigrants of mechanic, artisan or labouring classes, whether skilled or unskilled, arriving in Canada between the 15th instant and the 31st March next must possess $250 landing money, and if married (in addition) his wife must have $125 landing money and each child between 5 and 18 years, $50 landing money. This will not apply to persons who have been specially authorized to proceed and have our landing cards, and undue hardship will not be caused to those of the classes herein mentioned who sail before you receive this notice.

Present employment conditions in certain parts of Canada have made this additional precaution necessary.

(Sgd.) J. OBED SMITH,
Superintendent of Emigration for Canada.

This proved effective in stopping the arrival in Canada of persons seeking employment in districts where unemployment then existed.

This is evidence of the energy and elasticity of the organization of the department, which aims at so directly controlling the movement that restriction or encouragement may be applied or released as circumstances in Canada require.

It became apparent early in the year 1920 that factories in Canada would early seek skilled labour from this side for their organizations and very wisely did the department put into effect the condition which provided that such skilled workers would not be permitted to arrive in Canada until after investigation and approval by the department at Ottawa as to (1) wages and factory conditions, (2) housing and social conditions, and (3) that such workers could not be obtained elsewhere in Canada. On this groundwork now rests the movement of skilled workers to Canada and we give no emigration permits to any such workers until their admission for specified enterprizes has been authorized by cable or otherwise by the department.

We received a great many inquiries during 1919-20 winter from intending farm workers and farmers, and meeting this demand on this side of the Atlantic there rapidly grew towards the close of the fiscal year a demand in Canada for workers of this class. The wisdom shown by the department is well amplified by adopting and

maintaining the policy of advising only farm workers and domestic servants to emigrate to Canada. There has never been a year in which there has been more inquiry from this desirable class of emigrant than at the time of making this report, and the limitation of the numbers will be visibly affected by want of shipping space on Canadian liners.

Regarding the selection and supervision of household workers and other unaccompanied women, the following conditions were made known by us at the end of 1919 to all concerned.

Women going to Canada to be married must submit definite evidence in writing that arrangements in Canada are satisfactory.

The department knows that industrial workers are being sought here by Canadian industrial concerns, but all such Canadian factories must seek the consent of the department at Ottawa before the intended workers can be landed in the Dominion. This department, acting in conjunction with the Canadian Department of Labour, will control the movement which might otherwise result in persons going to Canada under inadvisable and disappointing conditions.

Until present conditions relax with returning prosperity to Canada and approaching springtime, all booking agents should seek the advice of a Canadian Government emigration agent and realize that there are certain special regulations which must be complied with before landing cards can be issued, and if after this additional notice persons are refused landing in Canada for lack of landing cards, the booking agent must accept the responsibility of such consequent loss to such passenger.

Canada wants farm workers at any time of the year they can be placed. Canada wants household workers of the right type at all times and Government conductresses are appointed on specified steamers to afford protection and advice en route for all household and factory workers going to Canada for the first time; and before such landing cards are issued the necessary pink form with medical certificate attached must be filled up and the passenger must be seen by some Canadian Government emigration agent and *must only be booked on a steamer on which there is a Government conductress.*

It makes no difference whether the household worker has or has not (before sailing) a definite position to go to in Canada, our department stands ready to find suitable employment at current wages for every household workers who obtains our landing card.

The Oversea Settlement Office (British Government) are, under their present regulations, of which you have the steamship companies' notice, giving free transportation, which means third-class on the British railway and third-class on the ocean, to a port in Canada, for certain specified women ex-service war workers, and, in accepted cases, issue a coupon ticket book from which the booking agent will take the British Government order for the third-class ocean passage but this passage must not be given to any household or factory worker except on a ship on which there is a Government conductress. A list of ships on which conductresses sail is with the steamship companies.

The department intend, particularly as far as household and factory workers are concerned, that not only must the selection of such secure the approval of the officers of this department in the British isles, but the question as to where and with whom they will work in Canada is subject to the discriminatory revision of the department and its officials in the Dominion, assisted by the advisors of the Canadian Council of Immigration of Women for Household Work.

These regulations are made in the interests of the new-comer, and the control of all new arrivals in Canada remains effectively in the hands of the officials of the department.

There has been set up a Women's Section in connection with our work here, officered by experienced women, for the purpose of carrying out this special branch of the service.

Other overseas dominions engage in a very strenuous competition in the general emigration field and we do not get our desirable people without considerable effort, which must be supported wholeheartedly by the Government of Canada and the Canadian people, in commercial and industrial operations, as well as agricultural.

Financially and industrially the conditions in the British isles show a remarkable recovery from the after effects of the war, so much so that were it not for the energetic propaganda of the Canadian Government, ably seconded by the unofficial emigration efforts of hundreds of thousands of patriotic Canadian officers and soldiers, we should not be able to induce many persons to leave the established comforts of the homeland, even for the advantages and prospective financial prosperity of some other part of the Empire.

It is well known to all of us engaged in this work of selection that the class of emigrant enquiring and applying for information during the past fiscal year has never been excelled in quality, and indeed there are many more enquirers and more desirable emigrants offering than can possibly be accommodated for months to come, owing to the congested state of the mercantile passenger traffic.

The improvement in the class of person leaving these shores demands a corresponding improvement in the accommodation on steamers and trains. On these points we are pursuing a persistent policy of agitation for improvement in the third-class conditions on steamers, which although somewhat effective thus far, still are far below, in my opinion, what our intending settlers are entitled to expect for the amount of money they have to pay steamship companies for accommodation.

We are gradually getting into a position where more numerous and careful inspections of booking agents by officers of the department can take place. We have not found it necessary to institute any legal procedings against any person for acting contrary to the interests of emigrants to Canada, although in one or two cases we have supplied information which led to police prosecution of those advertising against the welfare of emigrants in particular and Canada in general, and in all such cases conviction and punishment have been secured. We consider it very necessary to carefully watch public advertisements as with the opening up of increased business amongst intending emigrants there is sure to be a larger number of undesirable propositions awaiting the unwary settler.

The Imperial Government have issued no record of emigrants from the British isles since the war started, nor since the armistice was signed, but the Emigration authorities in Ireland have continued to issue their records which show that during the war years practically nobody left the Emerald isle for Canada or any other part oversea. Already there are indications even in that much-troubled land of a growing sentiment in favour of Canada, which we are taking full advantage of, even though so large a portion of Ireland is subject to conditions that make it inadvisable to pursue any active propaganda.

During the past year there were numerous sailings, all well filled, but it is hoped that when the other Canadian liners now in dry dock and being reconditioned are made available some relief will be gained from pressure on their space, which is largely the effect of our emigration propaganda and partly the result of invitations from friends and relations already in the Dominion.

I was privileged to spend three months in Canada during the fiscal year, visiting each province from coast to coast and as far north as Lesser Slave lake, sitting with and taking part with nearly every qualification committee of the Land Settlement Board throughout Canada. In addition, I made it my special business to inquire regarding opportunities for women in household and other work in each province and had the exceptional privilege of being present at several days' conference in Ottawa at

which the Canadian Council for the Immigration of Household Workers was formed. I obtained at first hand a large amount of useful information and an experience that shows the superlative value and real need of similar trips being undertaken by each of our emigration agents from time to time. It is only by this contact with events and conditions in Canada that our active workers can keep up-to-date with a country progressing and developing as rapidly as our Dominion is doing.

A large number of lectures were given by our officers on emigration and general conditions in Canada to mixed audiences and a large number of schools were visited and the children entertained to lectures and illustrations on the same subject. This propaganda has been largely aided by similar lectures given by Canadian transportation companies at their own expense and it all tends to secure such a large amount of interest in Canada that the movement of desirable people should continue from month to month, even through the winter.

During the war, sets of lantern slides have been in frequent use. During the past twelve months, several new sets have been provided by the department, including one on Canada generally, a set on the industries of Canada and a set illustrating a tour through Canada, showing the beauty spots and places of interest. All these sets have been duplicated many times and have been found exceedingly useful. They enabled us to destroy a number of old slides that were unsuitable and in such condition that they could not be used to advantage.

In addition to their manifold duties, the agents of the department at the ports of London, Liverpool, Glasgow and Southampton have inspected all outgoing steamers carrying emigrants for Canada and statements of such inspections have been filed from time to time. There has been occasion for minor complaints but we have always found the steamship companies and their officers immediately willing to correct anything that was wrong. It will be advisable to exercise this supervision over the space and accommodation supplied for third-class passengers.

We have at all times received most cordial co-operation and special assistance from the various transportation companies and have no cause to complain that any of these companies fail to consider and carry out the emigration policy of the department. Indeed, the records of this office will show, by the considerable numbers of applications for special consent, that the transportation companies are fully alive to the advisability of refusing to carry to Canada any person whom they have reason to believe would be found unsuitable for absorption in the commonwealth of our Dominion.

The records here will show a larger number than might be anticipated of refusals to give the emigration permits applied for. Occasionally this may work hardship upon one or two individuals, but our defence must always be that the desirability of all newcomers to Canada is an essential and even predominating feature of the policy of the department. The hundreds of "rejected" cases form a unique, pathetic and curious collection of defective and immoral persons, who would not be an acquisition to any Dominion.

I desire to place on record with much gratitude the friendly co-operation and assistance so freely given when needed by the various departments of the British Government and in particular the Overseas Settlement Office, which has superseded the Government Emigration Information Office which carried on the work for so many years before. The official handbooks of the Overseas Settlement Office, taken in conjunction with the literature of our own department, makes it quite certain that no intending emigrant of reasonably sound mind can claim to have misled or not to have been properly informed.

During last year 61,000 persons called at this office in London to make inquiries regarding emigration, repatriation and other matters in connection with Canada.

An especially gratifying feature of our work has been the hearty co-operation between the officers of this department and the various agents-general and other officials of the provinces of Canada in the British Isles and on the continent.

Frequent opportunity is taken to exchange ideas upon the work generally and the most complete co-operation and cordiality exists between this branch of the department and every office established here by any Provincial Government in Canada.

Military Dependents.—Prior to the armistice this department was charged with the repatriation of the dependents of Canadian soldiers, which has been the subject of a special report. Shortly after Armistice Day and continuing for several weeks, the repatriation of military dependents was carried out under the auspices of Canadian military officers, finally returning to this department and is still being continued. Until the last Canadian soldier is discharged on this side of the Atlantic and six months have elapsed therefrom, repatriation cannot be closed. In this connection it has to be noted that a certain percentage of the many thousands who took their discharge here or in Canada, having returned to these shores, find themselves unable to make a living and their return to their homes in Canada had also to be arranged. This particular work of the discharged Canadian soldier was, on the 31st March this year, returned to office of the High Commissioner for Canada.

PUBLICITY.

Under the term "Publicity" may be included much more than the mere newspaper advertising. A good report in a letter from Canada is worth a great deal and we look forward with pleasure to the prospect of getting a large supply of pamphlets containing letters from successful settlers.

Reports.—During the past year we have received and dealt with 240 deportation cases, a mere fraction of the total arrivals at Canadian ports.

Factory Workers.—Industrial enterprises in Canada still show a desire to secure factory workers, male and female, from various industrial centres here, by making application direct to this branch, instead of to the department in Ottawa. We have discouraged all such direct applications to us here and have indeed refused to take any action until the department at Ottawa had given their consent.

Rise in Shipping Rates.—It cannot be gainsaid that the cost of maintaining equipping and running steamers to Canada has very largely increased and I am not in a position to judge whether the rates are more than they properly ought to be under these circumstances, but I am satisfied that the continual rise in the shipping rates across the Atlantic has deterred a number of every desirable emigrants that Canada could very well receive. The question comes to a direct issue in the case of a man with a wife and family of children. If he has money enough to pay for transportation for a considerable distance on the railways in Canada, the amount he would expend on this transportation would seem to him so much that he would give up all idea of moving. Many people find it impossible to emigrate to Canada because they cannot pay these charges.

Oversea Settlement within the Empire.—His Majesty's Government decided that on and after the 8th April, 1919, ex-service men, viz., officers and men of the Royal Navy, the British Army (excluding Dominion and Colonial forces) or the Royal Air Force, who have served in the present war and who wish to settle within the Empire overseas, might obtain free third-class passages at the lowest Government rate for themselves and their dependents to the nearest convenient port to their destination, provided they are approved under one of the agricultural settlement schemes of the oversea Governments or are going to assured employment, and are otherwise acceptable to the Government of the territory to which they desire to go. This privilege has also been extended to the widows and dependents of ex-service men as defined above, provided that they are entitled to draw pension from Imperial Funds under the terms of the Pensions Warrant.

Free passages on the same conditions are granted to ex-service women who enrolled for whole-time service for not less than six months in a corps under the direction of a British Government department.

The grant of free passages includes the grant of a third-class railway warrant from the place of residence to the port of embarkation.

In these circumstances, it has been arranged that applications may be sent in at any time up to the end of December, 1920. or within one year from the date of release from service, whichever date is the latest.

We have, therefore, been charged with the acceptance of those in the four following classes:—

(*a*) Imperial ex-service men (and their families).

(*b*) Widows and children of deceased Imperial ex-service men.

(*c*) Women war workers.

(*d*) Orphan children of Imperial ex-service men or women.

In each case, besides having access to the files of the Overseas Settlement Office of the British Government, we have obtained our own forms, including necessary medical certificates and a personal interview has been arranged, so that all so selected should prove desirable additions to the population of Canada. The following figures are given up to the end of the fiscal year:—

	Men.	Women.
Applications received	5,900	2,000
Applications rejected	893	220
Applications accepted	935	550

Especially in the selection of women for household workers have we been grateful for the co-operation of the "Society for Oversea Settlement of British Women," approved and supported by the British Government as the vis-a-vis of the "Canadian Council of Women for the Immigration of Household Workers." It may safely be assumed that these public organizations on both sides of the Atlantic now understand the joint needs and co-operation is generally complete.

This free transportation only carries the emigrant to the port of landing in Canada, and, at least so far as the women are concerned, the payment of their rail transportation in Canada itself has been a real difficulty which a number could never surmount. In view of the competition for this same class of worker by other oversea dominions, it is essential that Canada should meet this emergency in some material way.

During the year the Canadian Soldier Settlement Board established a branch office here, working in complete harmony with all the agents of this department, and the special Selection Committee of that board, now here, have met and interviewed such applicants for the privileges of this Act in our emigration offices. This arrangement worked admirably because those who could not qualify under the Soldier Settlement Act were taken care of by our emigration organization and every one satisfactorily placed. The advent of the Selection Committee was deferred so long that some, at least, of those who had applied for the special privileges of the Soldier Settlement Act were obliged to leave these shores without taking advantage of the same, and as under the new regulations only those who carry certificates from this side can claim the rights under the Act in Canada, these men may fairly believe that they have forfeited all benefits under the same.

The establishment of a minimum of £200 capital formed another factor against indiscriminate application to the Selection Committee of the board here, and while in some cases the amount the settler had was augmented by a grant from some other fund, it has resulted in there being fewer Imperial ex-service men so qualifying than we had hoped.

Child Emigration.—Practically no emigration of children took place during the war, but since the armistice was declared various organizations have been preparing to send children to Canada this year. We shall continue to exercise every reasonable precaution in the way of inspection of such children and their family records, which may disclose conditions that are latent as well as patent. In this way it is hoped that the stream of splendid young children may be continued in the future in larger numbers, to the satisfaction of all concerned and to the welfare of the children themselves.

Conference with Booking Agents.—I have before referred to the value of such conferences and the appointment of an assistant emigration agent which enabled the agent himself to arrange meetings with parties of emigrants and parties of booking agents in various parts of his large territory, has already proved of inestimable value and of great convenience to the intending emigrants themselves. This is part and parcel of the necessary procedure that we must carry Canada to the emigrant nowadays and not wait for the emigrant to come to us. In every case where such conferences have been held, they have been highly satisfactory from every standpoint and are welcomed by booking agents as a means of stimulating the movement of desirable persons through an official of the Canadian Government being able to give personal information on the spot to all inquirers.

Passports.—Until a few months ago, passports or permits were required to leave these shores, but the Canadian Government have dispensed with the same and the following is the situation on this side of the Atlantic as advised to intending passengers by Canadian steamship lines:—

Passengers proceeding direct to Canada do not now require passports unless they come within the exceptions referred to below.

(1) Passports are not now required for passengers proceeding to Canada and landing at a Canadian port—with the intention of remaining in Canada permanently—unless they be either—

(*a*) Persons coming from the Continent of Europe, or

(*b*) Aliens concerning whom special regulations are in force.

(2) Passports *are* necessary for passengers proceeding to Canada via United States ports, also for passengers proceeding via Canada to the United States and other countries.

(3) Passengers travelling to the United States via Canada and passengers proceeding to Canada via the United States must obtain the United States consular visa on their passports before they leave the United Kingdom.

(4) Passengers proceeding to Canada and who intend to return to the United Kingdom will require a passport to secure their re-entry into this country.

I consider it highly desirable that passports should be demanded by Canada from every person who is arriving in Canada for the first time and intending permanently to remain there.

Lectures.—A gradually increasing number of lectures on Canada to the general public and to school children are being arranged, and we are using a large number of lantern slides for this purpose. Our slides are of three classes:—

(1) Canada in general and agricultural.

(2) Industrial.

(3) Tour through Canada. Beauty spots and places of interest.

During the year we have used lantern slides 1,287 times.

Exhibitions and Shows.—The value of a suitable display of products and resources of Canada cannot be questioned. It is just as essential to-day as it ever was. The fixtures for exhibitions and shows in the British Isles suffered serious diminution

on the outbreak of war and they gradually disappeared, but with the coming of peace they have been renewed and we have required a very large quantity of suitable exhibits.

Literature.—School atlases still remain the dominant feature of supreme value in our propaganda. We distributed 16,000 from the London office. While designed to teach geography and a general knowledge of Canada to school children, it is none the less attractive to grown-up people and we force the atlas into the homes of the children so that their parents gain the same information as the children. These (added to wall maps of Canada, which ought to be placed in every school in the British Isles) are required in much larger numbers than we have received, and no money spent by Canada is so productive of excellent results. Indeed, we have demands from school teachers for numbers of school atlases from which they teach the geography of our Dominion, and our agents offer prizes in some of these schools to induce the children to write essays upon Canada itself.

Newspapers.—The newspapers supplied by the department from Canada offer to our agents a chance of improving their knowledge of current events. This supply should be continued and several more Canadian agricultural papers and magazines should be furnished, and also a large number of periodicals and all kinds of official publications regarding agriculture and the development of the resources of Canada.

School Teachers for Canada.—Notwithstanding the very large increase in salaries paid to British school teachers, there is considerable unrest and agitation for more pay to constitute a living wage, and if more activity and attention were given to this class, desirable British teachers, of which there is so great a need, particularly on the prairies of Canada, could be obtained.

Nurses for Institutions.—We have been under the impression that the war brought into the nursing service a very large number who before the opening of hostilities were not members of that profession. Therefore we have not unduly encouraged British nurses to go to Canada except in the case of special institutions where those specially trained were not available in the Dominion itself.

REPORT OF CHIEF INSPECTOR OF BRITISH IMMIGRANT CHILDREN AND RECEIVING AND DISTRIBUTING HOMES, G. BOGUE SMART

The duties of this branch of the service cover a wide field and include all those attributes which are essential to the wellbeing of the children and their future good citizenship.

Many of the boys who left their situations to enlist with the Canadian Army have returned to their original occupations as farmers and a number are again working for their former employers, while others have acquired farms, and are settled down as farmers in their own right.

The war having brought the agricultural possibilities of Canada to the attention of the world more prominently than ever before, a large influx of new population in the next few years is practically assured. With the pressing need of agricultural expansion and greater production, the migration of children from the British Isles should be given a greater impetus, especially when viewed from the point of the benefit the movement has in the past years been to the farming interests of the Dominion. The emigration of children from Great Britain to Canada has well been described as an Imperial back-to-the-land movement.

A well-known authority on the subject in England stated recently: "Imperial migration weakens the home circle of poverty and unemployment and paves the way for wages, social reform, and the improvement of the British race. It also strengthens the golden circle of the population, the trade, and defence of the Empire."

The children are sent to Canada at the impressionable ages of seven to fourteen years, and after attending our public schools, church and Sunday schools, and serving their apprenticeships as farm and domestic helps, become thoroughly imbued with Canadian sentiment and customs.

Human nature ripens fast, and all interested and engaged in bettering the prospects of necessitous children are not unmindful of the fact that in order to effectively mould children into future good and industrious citizenship, the earlier their migration is effected the more easily will they adapt themselves to their new conditions of life and surroundings.

A former Governor General, Lord Grey, once stated: "It is not possible to do a greater kindness to the State children of England than to remove them to the freer, healthier life in Canada, or one of the overseas dominions. The climate is admirably adapted for the rearing of a fine, noble, and strenuous race."

To those interested in these children it has long been apparent that the prospects and advantages offered by this country are superior to others. This foresight has been fully justified, and farmers and householders now depend on the arrival of parties of children from the British Isles as an important source of supply for farm and domestic help.

This branch of emigration is not a commercial venture, but a benevolent undertaking, promoted solely in the interests of the needy child, by well known people of the highest repute in Great Britain. It has long enjoyed the approval of the Governments of Great Britain and this country respectively. Since the movement was inaugurated over 73,000 boys and girls—the former predominating—have been brought to and settled in Canada, and the great majority, after serving their apprenticeships with farmers, have followed agriculture as their vocation.

Statement of the number of juveniles emigrated to Canada by the principal organizations in Great Britain during the past twenty years, also the number of applications annually received at their Canadian receiving and distributing homes during the same period:—

Fiscal Year.	Children Emigrated.	Applications Received.
1900-1	977	5,783
1901-2	1,540	8,587
1902-3	1,979	14,219
1903-4	2,213	16,573
1904-5	2,808	17,833
1905-6	3,264	19,374
1906-7	1,455	15,800
1907-8	2,375	17,239
1908-9	2,375	15,417
1909-10	2,422	18,477
1910-11	2,524	21,768
1911-12	2,689	31,040
1912-13	2,642	33,493
1913-14	2,318	32,417
1914-15	1,799	30,854
1915-16	821	31,725
1916-17	251	28,990
1917-18	.....	17,916
1918-19	.....	11,718
1919-20	155	10,235

Owing to continued lack of shipping facilities, there were no arrivals of children from the British isles during the calendar year 1919. On the 27th March, 1920, however, the migration movement of children from the British isles to Canada was resumed with the arrival at the port of St. John of the ss. *Sicilian* bringing one hundred and one girls and fifty-four boys from Dr. Barnardo's training homes and schools in England. Their bright, healthy and well cared for personal appearance evoked much favourable comment on the part of their fellow passengers en voyage, and of those

present as they entrained en route to Toronto and Peterborough, Ont. Other parties of boys and girls from Dr. Barnardo's homes are expected to reach Ottawa during the summer.

A party of sixty well trained Scotch lads, of ages varying from 14 to 16 years, from Mr. Quarrier's Home, Bridge-of-Weir, Scotland, will, it is anticipated, reach Canada during the first week of April. These boys will be placed in the farming districts of eastern Ontario.

It is gratifying to be able to report that these young people are well treated by their employers. For some years past few cases of unkind treatment have been brought to the notice of the department. The homes exercise commendable caution in the selection of the foster homes and situations for those children entrusted to their care, especially in the case of young children whose first impressions are always lasting.

The agreements under which the children are placed, distinctly set forth the duties and responsibilities of foster parents or employers to their young apprentices.

The reports for the past and preceding years show that a very small number of these boys and girls were discontented or expressed a desire to change their situations. It is inevitable that even under the most careful selection of a foster home and situation there will be individual cases of children who do not prove suitable to their surroundings. The number of such, however, is negligible, and the percentage of children who do not make good use of the opportunities provided for them in this country is infinitesimal.

When employers find a boy or girl unsatisfactory they are not obliged to keep them but may, after giving reasonable notice, return them to the Home. However, the policy is to place the children out on a fortnight's or month's probation before finally indenturing them. This provision is in the best interests of the child and its future comfort and happiness.

The following table is a report in condensed form showing the result of inspection of juveniles during the past fiscal year 1919-20:—

Number of children found in homes and situations—	
Good	437
Fair	10
Unsatisfactory	1
Health—	
Good	438
Fair	10
Unsatisfactory	..
Progress—	
Good	404
Fair	40
Unsatisfactory	4
Conduct and Character—	
Good	415
Fair	26
Unsatisfactory	7
Additional or duplicate reports	18
Temporarily lost track of	18
Absent on occasion of call of inspector at their homes	33
Returned to England	4
Removed to United States	7
Marriages	4
Deaths	4
Absconded	1
Non-poor law reports	25
Not located, having changed situations	9
Reports on special cases	20
Military service, etc., additional reports	20
Present whereabouts unknown	15
Children under indenture (poor law)—	
Wage earnings	326
Total wage	$48,395.88
Average age	16.4
Children under indenture (poor law) for board, clothing and schooling, not wage earning	111
Average age	14.2

The great success of these children in Canada has been chiefly due to (1) their early training, (2) careful selection for migration, (3) the desirable foster homes and situations provided for them, and (4) their sympathetic treament, after care or supervision.

The ease with which these British children accommodate themselves to their new life and environment in Canada has been frequently illustrated to me, and the following incident, only one of many, might be mentioned.

Soon after arriving at his new situation, this boy, while watching his employer ploughing, plied him with various questions about farming and finally asked if he might try the plough. He was allowed to do so, and it was only a short time before he "caught the idea" and the farmer stated: "There is not a boy in the neighborhood who can excel him as a plough boy." Before going to Canada the lad was the eldest of a large family — so poor that they were all living in two rooms; now he is a prosperous citizen of Canada.

Interesting testimonies have from time to time been furnished me by farmers, regarding their boys.

Mr. B., who employs this boy, assures everybody that H. G. is a. "treasure." "For five years this lad has proved himself to be a very valuable help, thoroughly trustworthy and reliable at all times and of outstanding, upright character." The boy remarked that "Canada is a fine country for any ambitious boy who means to get on in life."

Employer says this young man (aged 17) is "a credit to himself and to those who were responsible for his emigration to Canada. He is manly and of excellent character, genial and courteous and capable as a farmer, and takes a great interest in farming generally." Mr. C. further adds that he does not know how he could continue farming without this lad.

Has worked only at this place for the six years he has lived in Canada and his employer and the family take pride in looking upon this fine little fellow as "one of the family." Mr. L. says that this boy has not caused him one moment's anxiety from the day he arrived on the farm.

Mr. R. says he "never had a more capable helper around his farm than this lad." Meeting with a serious accident which incapacitated the farmer himself (through the greater part of the summer) this boy, aged 16, "carried on" alone, and Mr. R. proudly remarked that "everything was done just as I would have wished," and further that the boy had relieved him of all anxiety in the matter.

Mr. and Mrs. S., that this splendid lad has been more than a help on the farm, and that his presence about the place has been a real comfort to them. They feel that C. must have come from a good English family, he is so "courteous, gentlemanly and obliging." As they have no family of their own the boy's prospects are indeed very bright in view of their undoubted genuine attachments to him.

"We have had six boys in our employ, or rather shall I say as comrades in our home, and feel that we have been blessed and happy in their fellowship."

The migration of children from the motherland to Canada has been a permanent factor in our British immigration system for many years. Beginning in 1869 it has been continuously promoted by persons of great prominence in the wide field of philanthropic effort in Great Britain. The cause enjoys the approval of the Imperial Government and the Government of Canada respectively, and has been of inestimable benefit, not only to the Dominion but to the Motherland as well. Its importance upon the lines I have endeavoured to describe has only recently—comparatively speaking—impressed itself on the public mind to any great extent.

SELECTION OF PROSPECTIVE EMIGRANTS

The selection of children for migration to Canada or the other dominions overseas is contingent upon certain well-defined rules and regulations.

(1) The character of every boy and girl must be furnished in writing before its migration is finally determined, after the child has been under training and observation in the home or school for a definite period. Children whose character and behaviour have not proved satisfactory during their stay in the home, or any child, who after being placed out at home, has not made good, will not be sent abroad.

(2) A medical certificate, by a qualified and reputable medical practitioner, showing the prospective emigrant to be healthy, both in body and mind, must be furnished in respect to each child, before the child's emigration is finally determined.

The number of children in the homes exceeds that of pre-war years, but this is not altogether due to the war, and there would be a still larger number but for limitation of funds and housing accommodation. One would have thought that during the past five years the deviation of so much money to the varied causes growing out of the war, would have affected the work of the homes to a much more considerable extent than it has done. In this regard the war has reduced the incomes of some of the smaller organizations to a greater degree than the larger ones and here and there I have heard notes of depression. The interest of the general public in the work has, as a matter of fact, never been so keen as it is at the present time. This augurs well for the future of the emigration movement.

Nearly every home has long "waiting lists" of applications for admission, which are in excess of former years, and besides this, thousands of children have been left orphans by the war, who will undoubtedly swell the number of these children.

While the people of Great Britain, and the Government itself, have never shown any great anxiety to lose the advantages of boys and girls who have been brought up under strict rules of discipline and training in their homes and schools and fitted for healthy, industrious, God-fearing citizens, it still appears quite beyond all doubt that institutions like Dr. Barnardo's, The National Children's Home and Orphanage, Church of England, Catholic Emigration Association, Salvation Army, Macpherson, *et al*, are to-day the greatest and safest agencies which Canada can use to augment our population by trained help to supply the demands of the present and future of employers.

Since my last report I have made a careful investigation into social conditions amongst the poor of the old land, and especially as it affects child life in general, and find that from the view point of Canadian needs and requirements the type of child to be emigrated has immensely improved, and is superior to that of even eight or ten years ago.

My enquiries included the earlier life of the children, their reception into both private and certified training homes and schools, their training therein, and the medical examinations to which they are subjected, and must pass, and lastly, and perhaps most important, the moral Christian influences under which they are brought up.

The societies and institutions engaged in this work seem to meet every condition affecting the welfare of the children under their care, and the favourable opinion I have long held, and often expressed, was greatly strengthened by my observations on this occasion.

Emigration is never forced upon a child. The consent of a parent, guardian or nearest relative must be given before a child can be sent to Canada, to the following effect:—

"I residing at do hereby declare that I am the (parent, guardian, or nearest relative) of and that as I am not able to provide for the said I hereby of my own free-will consent to being sent to Canada, to be provided with a suitable home.

Signed in the presence of

Date ."

Before the war Canada had practically a monopoly of British child emigration, but now other overseas dominions, largely, no doubt, as a result of the success of the children in Canada, are encouraging the migration of children from Great Britain in their direction.

Many of these boys, and girls too, are continually helping their friends or other members of their family to emigrate to Canada and have been splendid emigrating agencies for Canada. They have in many instances established homes for their mother or father or sister in this country. "I want to fetch my sister out to Canada; she is having a hard time of it and I can do better for her in Canada. You can use $100 from my bank account to help her." Another wrote to England: "I am getting on first-rate; I want to bring my brother out to Canada. Can you arrange with the Home to bring him. I will pay all expenses." "I am getting $20 a month and doing fine; I want you to advise about bringing out my brother and sister and can pay for them to come out."

Fully 75 per cent remain in agricultural pursuits. Some whose tastes ran in different lines have gone into other activities. Many enter the Christian ministry having saved their hard-earned money with this object in view. "Since June I have been working among the new settlers in Saskatchewan. In September I hope to resume my studies at college then get into the ———— Conference;" and another writes: "You will remeber I told you I was studying for the ministry. I am now in college; I hope my money will put me through, then I shall get on a farm and earn enough for the next term." Many similar cases could be mentioned, which show the far-reaching effect and great value of this unique form of emigration to Canada.

It is said that Thomas Arnold assumed as difficult a task, when he undertook the headmastership of Rugby, as did any man or woman inherit. At the end of his life he said, "I believe the great way of making a boy a gentleman is to treat him as one."

One of the duties of the department is to see that these children, when they come to Canada, are properly treated and afforded the same rights and privileges that are enjoyed by the Canadian born boy or girl in the matter of education, etc. This is a matter which receives the utmost care and inquiry on the part of all the officers having to do with this branch of the service. The reports of the departmental inspection of the past year, like those of previous years, show that with a few exceptions, employers and foster parents fully appreciate their responsibility in this regard and treat the children with due consideration.

The children originally come to the Homes from various sources, many through the agency of that splendid organization, The National Society for the Prevention of Cruelty to Children of Britain, charity organizations, the Children's Aid Society, and other influencial sources, and others by the intervention of religious and social workers of all sorts and denominations. They are for the most part orphans or semi-orphans—fatherless or motherless—and the great majority are the children of poor but respectable people.

The promptness and loyalty of our old-country born boys in voluntarily giving up their profitable situations and comfortable homes, and in not a few instances leaving wife and family, to enlist and serve with the Canadian Army in the great war has impressed the public mind of Canada and Great Britain more than ever of the truly imperial character and advantages to the Empire as a whole, of juvenile migration. Over ten thousand of these, once almost forgotten boys, did their bit as Canadian soldiers in France and Flanders, many winning commissions and distinctions on the field.

In this particular connection the following extract is worthy of notice:—

Victoria Cross under the following circumstances:—

"During a strong enemy counter-attack a Lewis gun in a forward position in a communication trench leading to the enemy lines, was buried by a shell, and the crew, with the exception of one man, killed. Segt. Hobson, though not a

gunner, grasping the great importance of the post, rushed from his trench, dug out the gun, and got it into action against the enemy, who were now advancing down the trench and across the open. A jamb caused the gun to stop firing. Though wounded, he left the gunner to correct the stoppage, rushed forward at the advancing enemy, and with bayonet and clubbed rifle, single-handed, kept them back until he himself was killed by a rifle shot. By this time, however, the Lewis gun was again in action and re-inforcements shortly afterwards arriving, the enemy were beaten off."

In the light of these facts can it be questioned that the work done by the various societies and their friends has not amply justified the claim that the juvenile immigration movement is one of wise and true imperialism, aside altogether from its more direct and immediate objects, which in themselves are both advantageous and necessary to the highest welfare of the Dominion.

The following statement shows the number of applications received at the Receiving and Distributing Homes for Children during the past fiscal year:—

Society or Agency	Boys.	Girls.	Total.
Dr. Barnardo's Homes, Toronto and Peterborough, Ont., and Winnipeg, Manitoba	....	....	7,425
Miss Macpherson and Miss Birt, Belleville, Ont.	180	251	431
Mr. J. W. C. Fegan, Toronto	300	....	300
National Children's Home and Orphanage, Hamilton.	....	....	880
Mr. Quarrier, Fairknowe Home, Brockville	167	253	420
Mrs. Smyley, Hespeler, Ont.	40	....	40
Catholic Emigration Association, Ottawa	234	369	603
Church of England Waifs and Strays Society, Sherbrooke, P.Q.	50	....	50
† The Middlemore Home, Halifax, N.S.	....	....	....
Salvation Army Emigration Agency	46	40	86
† Children's Aid Society of London, England			
	1,017	913	10,235

† Number not reported.

Quotations from letters received *re* applications:—

The secretary of the Salvation Army writes: "It will only be fair, however, for me to say that quite a number of applications have been received by us over the telephone, especially in Toronto city, and because of the fact there was no possibility of our being able to file them—no record has been kept. I trust this is the information you require. I might add that we expect to have more applications during this coming year than before, as we are now able to announce that we will be bringing new children to Canada during this year."

The Superintendent, the Middlemore Home, Fairview Station, Halifax, N.S.: "It has lately become definitely understood that this institution will shortly resume its former activities. Since this has become generally known applications have been coming in quite freely and it may be stated that the outlook for suitably placing children throughout the Maritime Provinces is quite encouraging—the demand for young children, while below par in comparison with pre-war days, is gradually improving—the demand for young people of both sexes from 13 years of age and upwards, is quite keen."

Mr. Arthur P. Pullam, Mrs. Smyley's Home, Hespeler, Ont.: "We have not had so many applications for children in connection with the Irish branch of the work this past year, as our patrons knew that immigration had practically ceased and consequently did not write us. Things are stirring again now though, and we have had quite a number during the past few weeks."

The agent of the Catholic Emigration Association: "It would be impossible for us to state the exact number we have received by letter and telephone, especially since we placed an advertisement in the papers last month; we may safely say we have had

an average by mail of 100 per week, many of which we are waiting to be recommended before completion in application register."

The Superintendent, Dr. Barnardo's Homes: "It was no easy task to allot this comparative handful of boys and girls amongst the great multitude of bona fide applicants for their services. The demand for these young people is simply tremendous and it is certain we can never satiate it. The boys and girls have sent post-cards upon their arrival in their new homes saying how happy they are. Plans have already been completed for two more parties this year." (Extract from "Ups and Downs.")

It is absolutely certain that the conditions in respect to farm and domestic help can be met to a large extent by the importation of thousands of boys and girls from the various institutions referred to in this report. The supply of this class of help is undoubtedly ready at hand in larger numbers than ever before.

CANADA

REPORT

OF THE

MINISTER OF PUBLIC WORKS

ON THE

WORKS UNDER HIS CONTROL

FOR THE

FISCAL YEAR ENDED MARCH 31

1920

Submitted in Accordance with the Provisions of Chapter 39, Section 34, of the Revised Statutes of Canada

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
THOMAS MULVEY
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1921

[No. 19—1921.]

To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

I have the honour to lay before Your Excellency the Report of the Department of Public Works of Canada, for the fiscal year ended March 31, 1920.

I have the honour to be, sir,

Your Excellency's most obedient servant,

F. B. McCURDY,
Minister of Public Works.

Ottawa, November 9, 1920.

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CHIEF ENGINEER.

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REPORT

OF THE

DEPUTY MINISTER OF PUBLIC WORKS

FOR THE

FISCAL YEAR ENDED MARCH 31, 1920.

DEPARTMENT OF PUBLIC WORKS, CANADA.

OTTAWA, October 15, 1920.

Hon. F. B. McCURDY,
Minister of Public Works,
Ottawa, Ont.

SIR,—I have the honour to submit the report of the Department of Public Works for the fiscal year ended March 31, 1920.

EXPENDITURE.

The total expenditure incurred by the department during the fiscal year 1919-20, on its various works of construction, maintenance, and operation amounted to the sum of $20,455,459.85, of which the sum of $4,337,127.33 is charged to the War Appropriation. The details of this outlay may be classified under the following subdivisions:—

Harbour and river works	$ 4,320,580 92
Dredging, plant, etc	1,205,485 93
Slides and booms	33,338 61
Roads and bridges	202,887 77
Public buildings	8,442,124 08
Telegraphs	885,730 19
Miscellaneous	1,028,185 02
Total	$16,118,332 52
Expenditure chargeable to War Appropriation, not included in above	4,337,127 33
Grand total	$20,455,459 85

As compared with the total for the previous year there is a reduction of $940,040.60 brought about by a material falling-off in the War Appropriation amounting to $4,155,376.54, but this is to a great extent counterbalanced by an increase of $1,139,232.02 in the harbour and river works, accounted for in large measure by the cost of improvements being made at St. John, N.B., amounting to $962,000, an increase over last year of $716,000; an increase of $975,444.73 in public buildings, the largest item being $408,000 for Postal Station "A" at Toronto. Dredging operations account for $527,985.64, the larger increases being in the Maritime Provinces, Quebec and British Columbia. There was an increase in miscellaneous expenditure owing principally to the cost of living bonus.

REVENUE.

The revenue for the year amounted to the sum of $633,090.26 and is made up as follows:—

Slides and booms	$ 48,123 41
Graving docks	81,147 59
Rents	142,355 44
Telegraphs	277,748 95
Casual revenue	81,072 87
Ferries	1,632 00
Total	$633,090 26

The total revenue increase over the fiscal year 1918-19, is $102,607.65, and consists of $41,691.16 from rents, $46,417.30 from telegraphs of which $27,356.39 was from the Northwest lines, $14,589.13 from the Yukon, and $4,168.59 from British Columbia. There was an increase of $31,369.96 from slides and booms, but the receipts from this source were chiefly arrears paid in by the lessees of the St. Maurice river works. In a few years the revenue from the slide and boom systems will practically disappear, but this will represent a substantial gain rather than a loss to the Government by reason of the fact that the cost of staff and maintenance in operating these works for a number of years past has been greatly in excess of the revenue derived, and under these circumstances the Government decided that works of this character, being solely for the benefit of one particular industry, should henceforth be operated at the expense of those directly interested. The sources of casual revenue vary, of course, from year to year, the receipts this year being mainly accounted for by the sale of obsolete items of dredging plant and the rental of other items which were not required to be placed in commission. A considerable sum was also realized from the sale of old buildings and material.

HARBOUR AND RIVER WORKS.

The total expenditure in this branch of the Department of Public Works was $4,320,580.92, which is $1,139,232.02 greater than last year's outlay.

The following is a list of works which have been completed during the year:—

Nova Scotia.—Chimney Corner, wharf; Halifax, north slip, King's wharf; Lower Kingsburg, breakwater; Spry Bay, wharf extension.

Quebec.—Richmond, three ice-breakers; Vercheres, wharf; Ste. Anne de Chicoutimi, floating pontoon.

Manitoba.—Sutherland, water supply system; Little Pembina river, diversion.

British Columbia.—Esquimalt dockyard, reconstruction of wharf; Half Moon bay, wharf; Hardy bay, float; Okanagan Centre, wharf; New Massett, wharf, Vancouver, sprinkler system; Victoria, adjustable slip, pier No. 3; Victoria, shed, pier No. 3; William Head, wharf; Port Essington, landing float; Whitemans, wharf. Floats were built at Coal Harbour, Egmont, Hardy Bay, Lasquiti Island (Tucker bay), Gonzales Landing, Port Alberni, Port Moody.

The following works were under contract, but unfinished at the end of the fiscal year:—

Nova Scotia.—Shenacadie, wharf.

New Brunswick.—Courtenay bay, breakwater extension, dredging, dry-dock, etc.; West St. John, grain conveyers; West St. John, grain conveyer equipment.

Prince Edward Island.—North lake, protection work.

Quebec.—Champlain dry-dock.

Ontario.—Toronto, harbour works; Fort William, revetment wall; Port Arthur (Bare point), breakwater extension; Toronto, island breakwater.

Manitoba.—The Pas, wharf.

British Columbia.—Naramata, wharf; Stewart, wharf.

Bridges.—Ottawa-Hull; North Temiskaming; St. Louis, bridge abutment.

DREDGING.

The sum expended under this heading amounted to $1,205,485.93, which is $527,985.64 in excess of the outlay of the previous year.

The cessation of hostilities relieved shipping of the unusual restrictions to which it had been subjected, and, as was to be expected, trade of this nature evidenced a return to normal routes and conditions. As far as possible, the department met the demands of shipping for necessary dredging to restore the required widths and depths in channels and harbours.

As only such works as were considered urgently required in the public interest were carried out there were a number of units of departmental plant not in commission. A number of these units were rented to private parties at considerable gain to the Government.

In this way valuable units have been maintained at no cost to the department, but will be available for use when, as is expected, the water-borne commerce of the Dominion increases to such an extent as to warrant the Government meeting legitimate demands for increased facilities.

No new plant has been constructed or acquired, and two dredges which had outlived their usefulness were disposed of. Other units of plant, not in commission by this department, were loaned other departments, as required.

In British Columbia, operations were continued at the mouth of the Fraser river, and the channel of the North Arm of the Fraser river was dredged. The channel of the Columbia river, between the Upper and Lower Arrow lakes, was improved.

Navigation was maintained in the Red river and lake Winnipeg, in Manitoba.

The work of dredging the harbour of Fort William, Ont., was completed during the season; at Port Arthur the dredging adjacent to the Richardson and Grain Growers' elevators was completed, and minor cleaning up in both harbours attended to.

Some very necessary cleaning up in the St. Mary's river, at Sault Ste. Marie, was carried on, resulting in greatly-increased safety for navigation at that point.

The harbours of Port Burwell and Toronto were maintained in the interest of the large water-borne commerce at these places.

The resumption of water shipments, especially of lumber, warranted the department improving navigation conditions at Campbellton, Bathurst, and the Miramichi, in New Brunswick.

In Nova Scotia, important work was done at Yarmouth, Liverpool and the Sydneys.

Special reports to the number of fifty-seven were forwarded during the year to the Departments of Marine and Naval Service, covering works of dredging performed during the season, so that mariners might be kept acquainted, by means of alterations of charts and Notices to Mariners, with such work as had been accomplished.

In the further interest of efficiency, various departments of the Government, which had knowledge of a special nature relating to problems presented to this department, have been consulted to considerable advantage.

Dredging operations were carried on at the following places, where an expenditure of $10,000 or over was made:—

Nova Scotia.—Digby, Liverpool, New Glasgow, North Sydney and Yarmouth.

Prince Edward Island.—Murray Harbour and Naufrage.

New Brunswick.—Bathurst, St. John and Washademoak lake.

Quebec.—Baie de Ha-Ha, Rimouski, riviere Batiscan, river St. Maurice and Three Rivers.

Ontario.—Fort William, Kincardine, Port Arthur, Port Burwell, Sault Ste. Marie and Toronto.

Manitoba.—Red river and Selkirk.

British Columbia.—Cottonwood point, Fraser river.

PUBLIC BUILDINGS.

The sum expended on the construction, maintenance and repairs of public buildings throughout the Dominion, exclusive of military hospitals and buildings, was $8,442,124.08, which shows an increase of $975,444.73 over the outlay made during the last fiscal year. Of this amount $4,499,185.33 was expended on the construction and improvement of public buildings and $3,942,938.75 in repairs and maintenance.

The following buildings were completed during the year:—

Quebec.—Grosse Isle quarantine station, radio-telegraph station.

Ontario.—Ottawa—Hunter building; Soldiers' Civil Re-establishment offices, Vittoria street; Experimental Farm, poultry office building and root, seed and implement building.

Saskatchewan.—Indian Head, forestry office.

Alberta.—Calgary, excavation for new public building; Coutts, immigration offices; Grand Prairie, public building.

The following buildings were still under contract at the close of the fiscal year:—

Nova Scotia.—Lawlors Island Quarantine station, pump-house and water supply.

Quebec.—Grosse Isle Quarantine station, boiler house.

Ontario.—Ottawa—Parliament buildings; Experimental Farm, dairy building; Toronto—Excavation for federal building; Postal Station "A"; Hamilton—Postal Station "B"; Kingston—R.M.C. Educational block; Oshawa—Customs examining warehouse.

Manitoba.—Portage la Prairie, addition to public building.

MILITARY HOSPITALS.

As explained in the report for last year the duty of constructing and equipping military hospitals was transferred to the Department of Public Works, and during the fiscal year under review the sum of $4,337,127.33 was expended on buildings required by the Department of Militia and Defence and the Department of Soldiers' Civil Re-establishment.

HOSPITALS UNDER DEPARTMENT OF MILITIA AND DEFENCE.

The following buildings were completed during the year:—

Nova Scotia.—Halifax, Camp Hill nurses' home; Rockland isolation hospital.

Quebec.—Ste. Anne de Bellevue, recreation, guardhouse and special service buildings, physiotherapy building, stable, garage, chapel and mortuary, power-house, neurological, officers' and active treatment wards.

Ontario.—Kingston, Sydenham vocational building, power-house, pavilion "A," officers' quarters, and isolation hospital. Toronto, orthopædic hospital alterations to main building; nurses', M.O's', orderlies' and storage building; guard-house; limb factory; laundry; kitchen wing and recreation building.

Manitoba.—Tuxedo, nurses', officers' and orderlies' quarters; recreation building; power-house, ward buildings and tunnels.

The following buildings were still under contract but not completed at the close of the fiscal year:—

Nova Scotia.—Halifax, Camp Hill administration building and laundry.

Ontario.—Toronto, orthopædic officers' ward building.

HOSPITALS UNDER DEPARTMENT OF SOLDIERS' CIVIL RE-ESTABLISHMENT.

The following buildings were completed during the year:—

Prince Edward Island.—Dalton Sanatorium, addition to administration building; power-house and laundry; M.O's residence; pump-house and vocational building, and steel tank and tower.

New Brunswick.—St. John County hospital, addition to power plant; M.O's residence and nurses' home, and addition to hospital.

Quebec.—Lake Edward, two family apartments.

Ontario.—London, Westminster, power-house.

The following buildings were still under contract but not completed at the close of the fiscal year:—

Nova Scotia.—Bellevue, Halifax, new ward building and alterations to present building.

Ontario.—London-Westminster isolation, recreation, garage; storage and mortuary; administration and surgical; active treatment wards; convalescent wards, and dining and service building.

RECONSTRUCTION OF PARLIAMENT BUILDINGS, OTTAWA.

At the time of writing the last yearly report on the progress of this work, the plastering of the upper floors was in hand and the building in general was proceeding towards the stage of installation of work under the finishing trades, namely, stone, marble, plaster and woodwork.

Progress upon the interior stonework was fair, but it was found impossible to complete the work in the Senate Chamber in time for the opening of the session of Parliament which assembled on the 26th February, 1920. The cutting of the stonework for the main entrance hall was started at the stone shop but could only be proceeded with slowly until a greater supply of stone was received after the opening of the quarry in the spring of 1920. A strike at the quarry during the summer of 1919 retarded the output of stone and made deliveries in the fall somewhat short of normal.

Deliveries of manufactured marble for corridors, etc., have been disappointing. The output at the marble shops, however, was taxed to the utmost to make deliveries of the material already received.

The power-house, upon which work was resumed in the spring of 1919, was completed and has been in operation since the month of October, 1919.

On September 1, 1919, the corner stone of the main tower was laid by His Royal Highness the Prince of Wales; the foundations having been brought up above grade previous to that date.

No additional work, however, was done upon the tower as, in view of the decision to hold the 1920 Session of Parliament in the building, the whole available force was concentrated on making the following portions of the building ready for occupation:—

The Commons entrance hall, lobbies and Commons Chamber, reading room, smoking room, Government caucus room and various offices on the main floor, with the exception of those about the Senate entrance hall and Senate Chamber.

The Railway Committee room was completed and put into use as a temporary Senate Chamber for the session of 1920.

The majority of the offices on the upper floors were got ready for occupation, except those over the main entrance hall on the second floor and about the Senate Chamber, which were left for use by the contractors when at work on these portions of the building.

A temporary lunch room was provided on the third floor during the Session of 1920, and it is expected that the Parliamentary restaurant will be put in commission for the next Session of Parliament.

On the ground floor, offices for the staff under the jurisdiction of the Serjeant-at-Arms and rooms for supplies, etc., were completed for the session of 1920. Barber shops and lavatories were fitted up temporarily. The east part of this floor, however, was reserved for the contractors.

The following is a detailed report on the progress of the work during the year under review:—

Interior Masonry.—The interior stonework was completed in the Commons lobbies and Commons entrance hall at the time of writing the last yearly report. Setting of stonework was commenced in the Commons Chamber on January 22, 1919, and was completed by June 30 following. Stonework setting in the south corridor main floor, was also completed except at the intersection of the main entrance hall.

During the year 1919, the stonework in the north corridor, main floor, north and south corridors, first floor and at intersections of stairs and office block corridors on the upper floors, was built. The Senate entrance hall was completed and the Senate Chamber is nearing completion. The canopies have been built and the work of carving same is at present under way.

The southwest staircase in stone and marble, off the south corridor, was completed, as was the west staircase off the Commons entrance hall, for the opening of the session of 1920.

Except in the portions which are still unfinished for lack of interior stone, the brickwork has all been completed. The terra-cotta floor arching and the furring and partition work which was completed down to the first floor, has now been finished.

Marble work.—All marble base, etc., in connection with the interior stonework, was built in conjunction with the stone. The marble floors in the main corridors throughout, and all floors, except the ground floor, have been laid. Elevator halls, Senate entrance hall and corridors around the Senate Chamber, as well as ground floor corridors, are well under way.

The Vert Gris Ashlar work on third and second floor corridors was delayed in delivery from the quarry, but good progress has been made in setting same. Office block corridors and elevator halls are completed. The third floor, south corridor, is finished and door jambs have been erected.

Lavatory marble and radiator backs and safes (Mariotti Marble Co., contractors).—In view of the scarcity of pink Tennessee marble, none of which had been received since October, 1919, it was decided to substitute white Italian marble therefor.

The lavatories have been completed down to and including the first floor, except certain private lavatories. The marble work is practically completed in those on the main floor as well as on the ground floor.

Plumbing.—All roughing in for plumbing work has been completed and fixtures installed in lavatories where marble work has been done. In the lavatories on the ground floor, permanent fixtures have been installed.

Heating and Ventilating.—The boilers at the power-house and all pumps, heaters and accessories were installed during the summer of 1919. The heating mains in the tunnel were put in position and connected up with the system in the main building; radiators were connected wherever possible, and the plant put into operation early in October, 1919. Since then, piping has been covered, all the radiators connected and ventilating fans put in operation. The whole plant was in full operation when Parliament met on February 26, 1920.

Windows and Glazing.—At the last report, about sixty per cent of the steel casements had been installed, glazed and painted. This work is now completed.

Carpentry and Finishing Woodwork.—Installation of oak trim and doors was commenced on the fourth floor on August 1, 1919. Since then the work down to and including the main floor has been completed as well as the installation of corridor doors.

The installation of oak panelling, etc., was commenced in the pavilion rooms on the third and second floors in December, 1919, and has all been completed, including the room of the Leader of the Opposition, which was done under a separate contract.

Erection of woodwork in the Commons Chamber and Commons reading room was commenced in January 1920, and completed in time for the session the following month. The panelling in the Premier's room was commenced early in February and made ready for occupation at the opening of the session. Panelling and trim for the Government caucus room and the pavilion rooms, main and first floors, was also completed in time for the opening of the session.

Painting, etc.—Painting of walls and tinting of ceilings in offices was commenced on the fourth floor on July 21, 1919. The preparation of walls, applying wall cloth, and first coats of paint, were all completed. All ceilings, both in offices and finished corridors, were tinted. The ceilings of the reading room and committee room, main floor, were temporarily decorated for the opening of Parliament.

Floor Covering.—The laying of rubber flooring has been completed; and only a small portion of the linoleum flooring still remains to be done.

Elevators.—In the office block corridors, the elevators were placed in running order and cabs, with temporary beaver board panelling, were installed for the opening of the session of 1920. In the south corridor, three elevators were also put in operation, as well as the freight elevator off the north corridor.

Furniture.—Orders were placed for the permanent desks for the Commons Chamber; 128 double desks were in position for the opening of Parliament, except the front row desks which have since been delivered and placed in position. The permanent opera chairs for the galleries were also installed.

During the year under review, labour conditions have improved. Arrangements *re* wages with the various trades, made in May, 1919, were adhered to, but bonuses offered by other contractors for carpenters and plasterers, both in Ottawa and outside, made it difficult to maintain a good force in these trades.

The average daily force employed by the general contractors throughout the year was 662.

During the year 1919, twenty-four meetings of the Advisory Board and ten meetings of the Joint Committee on the Reconstruction of the Parliament Buildings, were held.

SUB-CONTRACTS UNDER MAIN CONTRACT.

The general contractors, with the approval of the Board and Joint Parliamentary Committee, entered into the following subcontracts since April 1, 1919:—

On April 5, 1919, authority was given to enter into a contract with Mr. T. H. Hancock, Toronto, for interior woodwork, in caucus rooms and pavilion rooms, at $25,315.03.

On April 17, 1919, authority was given to enter into a contract with the Wallace Sandstone Quarries, Limited, Montreal, for Verde antique marble floor border in corridors, at $12,600.

On April 26, 1919, authority was given to enter into a contract with the Smith Marble Company, Montreal, for Grande antique marble mantles, at $2,400.

On April 26, 1919, authority was given to enter into a contract with the Mariotti Marble Company, Montreal, for marble mantles and shafts in the Senate, at $9,072.

On May 15, 1919, authority was given to enter into a contract with the Frick Ice and Refrigeration Company, Montreal, for the refrigeration equipment, at $11,475.

On May 15, 1919, authority was given to enter into a contract with Henry Morgan and Company, Montreal, for interior woodwork in the Senate Chamber, at $37,386.30.

On May 15, 1919, authority was given to enter into a contract with Mr. George Roberts, Montreal, for interior woodwork in the Commons Chamber, at $39,000.

On June 24, 1919, authority was given to enter into a contract with the Otis-Fensom Elevator Company, Toronto, for elevators C, D, E, F, G, H, at $112,700.

On June 24, 1919, authority was given to enter into a contract with the Dominion Bridge Company, Lachine, Que., for structural steel (ceiling of parliamentary restaurant) at $3,000.

On June 24, 1919, authority was given to enter into a contract with the Eclipse Plating Company, Ottawa, for sessional gongs and annunciators, at $5,750.

On June 24, 1919, authority was given to enter into a contract with Ahearn & Soper, Limited, Ottawa, for the fire alarm system, at $1,098.

On June 24, 1919, authority was given to enter into a contract with the Canadian Johns-Manville Company, Toronto, for acoustical treatment of the ceiling in the Commons Chamber, at $9,050.

On June 24, 1919, authority was given to enter into a contract with the Wallace Sandstone Quarries, Limited, Montreal, for Missisquoi grey marble, at $66,330.60.

On July 16, 1919, authority was given to enter into a contract with the Dunlop Tire and Rubber Company, Toronto, for rubber flooring, at $15,363.40.

On July 16, 1919, authority was given to enter into a contract with the Dominion Rubber System Company, Montreal, for rubber flooring, at $15,505.10.

On July 25, 1919, authority was given to enter into a contract with Mr. T. H. Hancock, Toronto, for interior woodwork, pavilion rooms and smoking rooms, at $25,295.70.

On July 25, 1919, authority was given to enter into a contract with the Megantic Quarry Company, Montreal, for granite steps, etc., at $48,000.

On July 25, 1919, authority was given to enter into a contract with the Bromsgrove Guild (Canada), Limited, Montreal, for interior woodwork, pavilion rooms, at $10,742.

On July 31, 1919, authority was given to enter into a contract with the Anglin-Norcross Company, Montreal, for Windsor green syenite columns to main entrance and hall of honour at $12,610.

On September 19, 1919, authority was given to enter into a contract with the Smith Marble Co., Montreal, for Rose Tavernelle marble balustrade, Commons entrance hall, at $4,200.

On October 1, 1919, authority was given to enter into a contract with the Otis-Fensom Elevator Company, Toronto, for elevator door opening devices, at $5,614.

On October 1, 1919, authority was given to enter into a contract with Mr. T. H. Hancock, Toronto, for interior woodwork, caucus room, second floor, at $4,350.

On November 20, 1919, authority was given to enter into a contract with Mr. George Roberts, Montreal, for interior woodwork, committee rooms, first floor, and Senate committee room, main floor, at $1,800.

On November 21, 1919, authority was given to enter into a contract with the Dennis Wire and Iron Works, Limited, London, Ont., for two ornamental iron staircases, at $4,700.

On November 21, 1919, authority was given to enter into a contract with the Dennis Wire and Iron Works, Limited, London, Ont., for handrail and balustrade, at $17,300.

On November 21, 1919, authority was given to enter into a contract with W. G. Edge, Limited, Ottawa, for kitchen equipment, at $24,984.

On December 5, 1919, authority was given to enter into a contract with the Bromsgrove Guild (Canada), Limited, Montreal, for interior woodwork in the room of the Leader of the Oposition, at $6,100.

On December 5, 1919, authority was given to enter into a contract with Mr. George Roberts, Montreal, for teak flooring, at $9,261.

On December 5, 1919, authority was given to enter into a contract with the Bromsgrove Guild (Canada), Limited, Montreal, for interior woodwork, reception room, at $1,718.

On December 8, 1919, authority was given to enter into a contract with Mr. William Ashall, Toronto, for electrical clocks, at $15,387.50.

On January 22, 1920, authority was given to enter into a contract with Cleghorn & Beattie, Limited, Ottawa, for window shades, at $4,864.90.

On March 15, 1920, authority was given to enter into a contract with Henry Morgan and Company, Montreal, for interior woodwork and carving, Senate reading room, north of Senate, main floor; and teakwood flooring in Speaker's library, main floor, at $17,372.

SUB-CONTRACTS UNDER ARCHITECT IN CHARGE.

In addition to the above contracts, the following orders for furniture, etc., were placed through the architect's office with the approval of the Joint Parliamentary Committee:—

On December 4, 1919, an order was placed with the Globe Furniture Company, Waterloo, Ont., for seating in galleries of Commons Chamber, at $9,415.10.

On December 22, 1919, an order was placed with the Valley City Seating Company, Dundas, Ont., for Members' desks in the Commons Chamber, at $6,400.

On January 19, 1920, an order was placed with the Springer Lock Manufacturing Company, Belleville, Ont., for locks for Members' desks in Commons Chamber, at $1,152.80.

On March 12, 1920, an order was placed with the N. T. Lyon Glass Co., Toronto, Ont., for special glass work for ceiling lights in the Commons and Senate entrance halls, amounting to $6,650.

The architect was also authorized to incur the following expenditures on special work:—

On May 9, 1919, authority was given the architect to employ a sculptor to make models for the ornaments in the ceilings in the Commons reading room, smoking room, private dining rooms and Commons Chamber, at an expenditure of $3,000.

On December 4, 1919, authority was given the architect to expend the sum of $10,000 for carving in conjunction with contracts for interior woodwork. This was in addition to the amount of $15,000 authorized on March 10, 1919; $2,000 authorized on July 23, 1919, and $2,500 authorized on September 26, 1919.

On December 4, 1919, authority was given the architect to expend the sum of $8,000 for modelling in certain special rooms in the building, in addition to the amount of $3,000 authorized on May 5, 1919.

On March 12, 1920, authority was given the architect to engage Mr. Arthur Crisp, Canadian artist, to carry out the decorative scheme of the Commons reading room by mural paintings, at an expenditure of $19,000.

TELEGRAPHS.

There is now a total mileage of 12,157¼ and the offices number 1,179. The messages sent during the year aggregated 584,346, as compared with 507,027 during the preceding fiscal year, or an increase of 77,319 messages.

The expenditure on maintenance was $885,730.19, as against $789,883.40 in the previous year, an increase of $95,846.79.

The revenue shows an increase of $46,417.30 over 1918-19. During the year, fifty-three and a half miles of new line were constructed from Point Sapin on the Chatham-Escuminac circuit to Kouchibouguac, N.B.

The telephones, telegraphs and conjoint offices on the system are as follows:—

	1920.	1919.
Telephones	708	681
Telegraphs	365	389
Conjoint	106	52
	1,179	1,122

NATIONAL GALLERY.

Since Parliament has taken possession of the new Parliament buildings, the National Gallery has moved back into the Victoria Memorial Museum building which it formerly occupied but with increased accommodation by being allotted the whole of the east wing, with a special entrance at the east end and a fireproof separation from the rest of the building.

The policy of rigid economy that still necessarily prevails has restricted the appropriation made by Parliament, to cover the bare necessities of maintenance, therefore no important additions have been made to the collection.

During the year, gifts were accepted: A portrait of Sir George Drummond; three bookplates; pencil drawing of Professor Mavor; an etching, "The Wellington Shield," and sixty-five war lithographs.

The purchases were: A portrait by Regina Seiden; another by Kreighoff; an etching by Zorn; two by Mary Cassett; two drawings by W. Raphael; seventeen colour prints, and nine war poster lithographs.

The policy introduced a few years ago of making loans to societies or public bodies, enabling them to hold free public exhibitions has been continued during the year, and the following exhibitions were arranged: St. John, N.B.; Montreal and Sherbrooke, Que.; Collingwood, Hamilton, London, Ottawa, Port Arthur, Fort William, Toronto and Windsor, Ont.; Regina, Sask.; Winnipeg, Man.; and New Westminster, B.C.

Loans were also made to the following cities in the United States: Pittsburg, Pa.; St. Louis, Mo.; Muskegon, Mich.; Chicago, Ill.; Milwaukee, Wis.; and Minneapolis, Minn.

The encouragement thus afforded has as its object the development of interest in the fine arts to the point of establishing local art galleries and societies and schools of art and design to which the Canadian manufacturer can look for artistic designs for his trade in the development of Canadian industry. There is an urgent and unlimited need for the extension of this branch of the work.

The estimated value of the possessions of the National Gallery is now placed at $1,000,000.

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Appended to this report will be found detailed statements from the different branches, giving full particulars of the various works carried out by the department during the year.

I have the honour to be, sir,

Your obedient servant,

J. B. HUNTER,
Deputy Minister.

PUBLIC BUILDINGS.

By R. C. WRIGHT, Chief Architect.

Nova Scotia.

ANNAPOLIS ROYAL

On March 17, 1920, the public building, situated on George street at corner of Railway street, was gutted by fire leaving only the outside walls standing. Previous to the fire, general repairs had been made to the building.

YARMOUTH.

On December 21, 1920, a fire occurred in the basement of this building which destroyed the rear portion of the ground floor. Necessary temporary repairs were made during the reconstruction.

Prince Edward Island.

CHARLOTTETOWN.

The stamp vendor's, register and Money Order offices were altered. A new vault in the Government Savings Bank was constructed in the shaft above the present vault, fitted with steel door and interior shelving, with a stairway leading from the ground floor.

Minor repairs for maintenance were made to the following buildings and the grounds: Charlottetown, old bank building; Georgetown, Montague, Souris, Summerside, and Tignish buildings.

New Brunswick.

MONCTON.

The Harris building adjoining the post office was leased for the Registration, Money Order and Letter Carriers' Department and fittings were installed. A doorway was cut through the dividing wall on the ground floor for entrance to the post office. General repairs were executed on the interior of the building.

ST. JOHN.

A contract was awarded W. A. Munroe, St. John, N.B., for the erection of an immigration detention building consisting of a two-story frame structure on a stone foundation heated by two furnaces with hot water. The superstructure consists of frame, double boarded, with shingle roof. The several detention rooms are separated by means of sheathed partitions as well as the walls and ceilings covered with the same material. The rooms are lighted by electricity and independent bath and toilet rooms are provided on each floor for men and women. Entrances to the building at either end provides stairways from the basement to the first floor. Plumbing and plumbing fixtures, water supply, gas pipes, gas fixtures and ranges were provided under a contract with James H. McPartland & Sons, St. John, N.B.

QUEBEC.

GROSSE ISLE.

An operating house in connection with the radiotelegraph station, and a cold storage building were constructed. General repairs were made to different buildings by day labour, and seven artesian wells were sunk in different parts of the island to a depth of 365 feet, and Pitcher pumps were provided.

MONTREAL.

New Federal Building.—Excavation and concrete foundation and reinforcing steel work for the building proposed to be constructed next to the existing examining warehouse situated on McGill street has been completed and the foundation protected from danger of injury by frost.

QUEBEC.

Contracts were awarded for the restoration of exterior of central portion and west wing of Marine Store Building, King's Wharf, and restoration and fitting up interior of this building, including electric elevator.

TROIS RIVIERES.

A contract was awarded for the supply and installation of an electric freight hoist, to the Turnbull Elevator Co., to be erected in Customs Examining Warehouse. An enclosure was provided for electric hoist. Electric lights were installed to the main entrance. The grounds surrounding the building were graded and the surface sown with grass seed. Concrete sidewalks were built upon the property lines.

ONTARIO.

HAMILTON.

Public building.—At the corner of Main and John streets it was proposed to build an addition, and the old buildings that occupied the site were removed. In the present building, a number of changes to the offices occupied by the Income Tax department were made, and general repairs were made throughout the building.

Postal station "B."—A contract was awarded August 4, 1919, to Kennedy Connor, Hamilton, for the construction of this building which is situated at the corner of Barton street and Stirton avenue, and has a frontage width of 41 feet by a depth of 79 feet. The building consists of a two-story and basement structure with a flat roof. It is constructed of hollow tile faced with buff tapestry brick ornamented with pilasters and provided with cut stone trimmings and galvanized iron cornice and coping to the parapet.

The ground floor is utilized for a public lobby with the post office working space and furnished with vault. The entrance to the public lobby from Barton street has cut stone trimmings and is supplied with a revolving door. From the side entrance, Stiron street, a stairway leads to the first floor and basement. The first floor is an undivided space and the basement is of concrete. The construction is carried on steel columns and beams and supports the several wooden floors, ceilings and roof joists. The building is lighted from four sides. Twin connected hot water heating boilers and radiators provide the heating; electric wiring is carried in conduits; men's and women's toilets are provided off the mail entrance lobby and rear entrance hall. In the public lobby, vestibules and toilets the floors are terrazzo with marble base and plaster wainscot; floor in working space is of maple, and the interior finish throughout is of quartered oak.

KINGSTON.

R.M.C. Educational block.—A contract was awarded the Pigott-Healey Construction Co. for the construction of the west wing, assembly hall and part of tower of the new educational block.

When the east wing is completed the tower will be a central feature, but the present contract does not include the east wing and only includes four stories of the tower which will be finished with a temporary roof. The tower is 40 by 68 feet, contains the main entrance and is completely occupied by the main staircase and halls. The stairs are of iron and steel with marble treads having wrought iron scroll balustrades. The ceilings of halls are panelled in plaster and the floors are terrazzo with marble border.

The west wing, including tower, is 62 by 158 feet, with two annexes 22 by 31 feet and is composed of basement and three stories. The basement consists of an applied science room, assay room, toilet room and boiler and fuel rooms. The ground and first floors are composed of fourteen class rooms and two lecture rooms, and the second floor consists of chemical laboratory and science rooms. The assembly hall annex in rear is 45 by 80 feet approximately and is composed of an assembly hall 24 feet high with gallery and stage. Under the assembly hall is a commodious machinery hall 20 feet high which will be used for technical instruction.

The building is fireproof throughout the outer walls being constructed of Kingston limestone with Queenston limestone dressings and lined on the interior with three-inch hollow tile. All floors are reinforced concrete with finished floor in corridors and halls of terrazzo, in toilet tile and in other portions of the building of birch. The assembly hall and all halls and corridors are finished with quartered oak, the rest of the interior finish being pine. Mechanical ventilation of the most up-to-date method is provided, and the building is lighted throughout by electricity and heated by steam, direct and indirect methods being adopted.

OSHAWA.

A contract was awarded September 26, 1919, to the Russell-Navin Construction Co. of Toronto, for the erection and completion of a customs examining warehouse.

The building is situated on Wellington street adjacent to the post office, which is on the corner of Wellington and King streets. This building is a one-story structure, with basement having a frontage of 42 feet 8 inches on Wellington street by a depth of 75 feet. A public entrance from Wellington street leads into a vestibule and public space, with counter and screen, on the ground floor, a collector's office, an examining room having three large sliding doors for reception and delivery of goods and a lavatory. The building is of red brick on a concrete foundation, has a flat roof, galvanized iron coping, cut stone sills and steel columns and girders supporting wooden joists and roof. Floors are of hardwood. Basement consists of a customs storage room and, separated by a brick wall, a fuel and boiler room. The basement and ground floor are heated by hot water, have both soil and storm sewer drains and automatic drainage siphon in basement, and is well lighted by electric lights. Window guards protect the basement, and provision has been made for future installation of a freight elevator.

OTTAWA.

Government Printing Bureau.—A contract was awarded to Messrs. Bate, McMahon & Co., for alterations and additions, which consisted of filling in the spaces between the present boiler house and the two wings of main building to provide shipping room on west side and receiving room on east side, with vestibules and concrete platforms to both entrances. Ash hoist and shaft was put in to remove the ashes from boiler house. The building is a one-story structure, with brick walls on concrete

foundation; each of the floor spaces is lighted by three sky-lights. The building is heated by steam from the present boiler house and electric light wiring concealed in conduits. A fire alarm system was installed throughout the building. In the basement a fireproof waste paper room and main storage was placed under the receiving room.

Hunter Building.—Glazed partitions and panelling for the division of office space was built, three sky-lights and a pent-house were constructed on the roof. Electric fixtures and lamps were provided throughout and the building was fully completed and occupied by several departments.

Post Office Garage.—A garage to accommodate a number of cars belonging to post office was constructed beneath the plaza.

Generally.—Heating tunnels were built on Wellington street to connect the departmental buildings with the central heating plant and the work executed in connection with the construction of a duct on Vittoria street. The post office, East block, Langevin block, West block, Supreme Court, Soldiers' Civil Re-establishment buildings were provided with heat from the central heating plant on Cliff street, thus eliminating the heating that has been provided by a boiler house in each building.

CENTRAL EXPERIMENTAL FARM.

A frame kitchen was built to the cottage at the north side.

A contract was awarded January 13, 1920, to Messrs. Taylor & Lackey for the construction of a dairy building. The new building is situated opposite the present dairy and is a two-story structure with attic on a concrete foundation with one-story addition in rear for refrigeration. The walls are constructed of wood covered with rough-cast and roofed with asbestos shingles. The outside walls are double-sheeted, strapped on both sides and finished inside with plastering. The ground floor is assigned to offices, bacteriological laboratory, operating room, refrigeration cool room, ice chamber, and farm storage in the rear, cheese and wash rooms. An independent ladies waiting room is provided with toilet accommodation with direct access from the verandah. A hall and stairway leading to the Superintendent's living rooms on the first floor which comprises living room, dining room, pantry and kitchen, three bedrooms with closets and bathroom. The attic space is floored and erected with sheeting. The building is heated by low pressure system of steam and wired for electric light. The steam from boiler is also used for running the dairy machinery. The portion of the basement excavated is assigned to cheese, general and dairy storage with separate rooms for fuel and boiler room with outside area entrance.

A frame structure was built, clapboarded outside and sheathed inside with a shingled roof, provided with windows and doors, electric wiring, brick chimney and the exterior painted.

PORT ARTHUR.

Armoury.

On June 2, 1919, a contract was awarded to M. H. Braden & Co., Fort William, for alterations and repairs at the Armoury consisting of the following: Removing basement floors and drains, excepting floors of the corridors, then floors were waterproofed and re-laid in reinforced concrete supported on reinforced concrete beams and the whole carried by walls independent of any filling under the floor, and the drains were suspended from the reinforced floor. Repairs were also made to gutter and roof, including copper drips on parapets and flashing behind turrets, basement floors, both hardwood and concrete, and the face of the external brick walls was cleaned.

TORONTO.

The old custom house was vacated and the old building was demolished.

Federal Building.—The contract for excavation of the new Federal building is completed with the exception of the demolition of the temporary postal station "A." which cannot be done until the department takes possession of the basement of the new postal station "A."

MANITOBA.

BRANDON.

The alterations to the public building consist of a one-story passageway connecting by means of two large openings the present working space of post office, with the old Union Bank building on the corner of Rosser avenue and Eleventh street. The passageway construction is supported on two steel beams at the ground level and the walls of both buildings are carried on steel beams.

PORTAGE LA PRAIRIE.

A contract was awarded March 22, 1920, to Messrs. Snyder Bros. for alterations and additions to the public building. The work consists of a one-story addition in rear of the present building and certain alterations to the one-story examining warehouse wing. Between the working part of the post office and the new addition two large openings were cut in the rear wall for the purpose of communication between the present working space and the new addition. The external walls were built of stone to match the existing building. The floor joists and roof were carried on steel columns and steel beams.

SASKATCHEWAN.

INDIAN HEAD.

A contract was awarded to Messrs. Wilson & Wilson for the construction of a one-story building for office accommodation for the Forestry Branch, Department of Interior, on a site situate on the corner of Houghton and Market streets. The entire first floor is laid out for offices of Superintendent, Assistant, stenographer's room, Inspectors, Accountant, correspondence filing room, stationery room and vault. The basement consists of store-room for offices containing a large storage vault, central corridor communicating with caretaker's room, store-room, men's and women's lavatories, furnace and fuel rooms, with area entrance. The building is 42 feet wide by 64 feet 3 inches long, lighted on all sides, concrete basement, buff pressed brick front with hollow tile backing. The vaults are built with reinforced concrete floors and ceiling, walls lined with terra cotta and plastered. Has concrete entrance steps. The wooden joists for the ceiling and roof carried on wooden beams and posts and concrete piers in the basement. The basement is subdivided by concrete walls. Ceilings throughout and the corridor walls plastered. Two stairs are provided and an outside area entrance. The building is trimmed on the interior with fir, maple floors and all woodwork finished in golden oak stained and varnished. The heating plant consists of a hot-water system and ample radiation installed. Is lighted by electric wiring in conduit and fixtures.

Alberta.

CALGARY.

A contract was awarded Messsrs. Carter-Halls-Aldinger Co., Ltd., for the demolition of present public building and excavation for new building.

COUTTS.

A two-story frame cottage built on the present foundations was erected for the use of the Immigration Officer. The building contains three living rooms on the ground floor, three bedrooms with clothes closets, linen closet and a bathroom with plumbing fixtures on the first floor. A lean-to woodshed with a basement for the pump was constructed adjoining the outside entrance at rear. The cottage is 24 by 26 feet and is heated by a hot air furnace and registers, and is wired for electric light and fixtures.

GRANDE PRAIRIE.

On December 9, 1918, a contract was awarded to N. Cuthbertson for the erection of a post office and Dominion and Lands Agency building. The site of the building is known as lots 1 and 2, block 4, situated with a frontage of 66 feet on Second avenue, south, by a depth of 122 feet on Second street, east, to a public lane 20 feet wide.

On the ground floor is located lands office and post office and on the first floor two offices for Homestead Inspector and Agent's office. The structure is a story and a half in height, 48 feet 8 inches by 24 feet 2 inches and is of frame construction supported on piers and has a shingled roof. It has a small furnace and coal cellar with concrete walls and floor, both encased on the outside with water-proofing. The studding of the outside walls is covered with sheeting with clapboards on the outside and lined with sheeting paper and vertical boarding on the inside. The floor joists and roof are carried on posts and beams and the roof rafters supported on the wall studs. The building is heated by a hot air furnace.

British Columbia.

SAANICH.

Temporary partitions were erected on the ground floor of the observatory building to accommodate additional astronomers. A new pump was supplied for pumping water to tank and a new 60-foot flag pole furnished and erected. Repairs and renewals were made to water system, and a cement concrete gun mounting platform constructed.

VANCOUVER.

At the old post office building, repairs were made to heating and plumbing; at public building, repairs to elevators, electric lighting, plumbing and heating, part of copper roof repaired; at examining warehouse, postal stations "B" and "C," repairs were made to plumbing, heating and elevators; postal station "A," additional partition built in railway mail service quarters. General repairs and renewals; immigration office, oil system was installed under auxiliary boiler, exterior painting done and repairs to plumbing and elevators.

VICTORIA.

Repairs and alterations were made to immigration and public buildings.

GENERALLY.

Visit of H. R. H. Prince of Wales.—On the occasion of the visit of His Royal Highness the Prince of Wales to Quebec, in August 1919, several Dominion Government buildings were decorated with flags, bunting and electrical display throughout the cities and towns in Canada from Quebec to Vancouver.

MILITARY HOSPITALS.

The following is a brief summary of the work classified according to provinces.

Prince Edward Island.

DALTON SANITARIUM.

North Wiltshire.—A new M.O's residence was constructed. It is designed in the Dutch bungalow style, concrete foundation, frame superstructure, shingled roof and is heated from central power plant.

The vocational building has cement foundations. Ground floor is devoted to the teaching of vocational work and motor mechanics and has shower baths and toilets. First floor used for library, reading rooms and moving picture hall.

The east and west pavilions were equipped complete with plumbing fixtures and steam heating.

A thirty-thousand gallon steel tank was erected and was supplied with water from the artesian well to serve the several buildings.

The central power plant and the laundry buildings were fully completed. The equipment included the heating boilers, Sims hot water generator, one twenty kilowatt steam generator, one five kilowatt kerosene generator. This building is constructed with solid concrete walls and has coal bunkers of a capacity of 270 tons.

Nova Scotia.

HALIFAX.

Bellevue Military Hospital.—The remodelling work to the old building has been completed and the new hospital wing is now finished. Certain alterations were made to the kitchen in the new ward building.

Camphill Military Hospital.—The work undertaken on these buildings the previous year has been fully completed.

The following additional work has been installed: Equipment of laundry with laundry machinery, two heating boilers, and a motor air-compressor were supplied. After the destruction of the present roof by storm, a new roof was placed on the vocational building. Fences, roadwork, drainage, fire mains, also the grading of grounds. The work on the boiler room of laundry building was finished.

New Brunswick.

RIVERGLADE.

Jordan Memorial Sanatorium.—A contract was entered into with J. H. Doody for alterations and additions to power plant. This work consisted of installation of a sixty-horsepower boiler, similar to the two existing ones, and the connecting of the existing ones with new, forming a battery of three; the running of concrete duct from

boiler house to administration building and tile pipe conduits from administration building connecting with several of the cottages. Also, certain steam and water piping from boiler house to laundry; the whole contract amounts to $24,547.

The original system was completely altered to conform with new requirements consisting of new high pressure, low pressure steam mains with returns and hot and cold water piping, with all accompanying traps, pumps, etc.

ST. JOHN.

St. John's County Hospital.—During the year, contract work was started and completed for roadways and grading at the above, amounting to $5,000 with Lewis Stephens & Co. This work consisted of building a first-class macadam roadway leading from the entrance gate to hospital front entrance and thence around to nurses' home, with subsequent amount of grading rendered necessary by new road.

Steam heating mains were run from boiler house to nurses' home to connect with steam radiators previously installed. This heating line was carried through a Ricwell lined tile pipe duct.

QUEBEC.

STE. ANNE DE BELLEVUE.

Military Hospital.—The work of grading and roadwork has been fully completed, also extension made to the sewer. In wards A and B work has been done in the new diet kitchens.

ONTARIO.

BURLINGTON.

Military Hospital.—The work under construction for the active treatment ward and the gymnasium building have been completed.

A separate water metre was installed for the hospital and grading and concrete roadways have been completed. An electric pump was supplied to the heating apparatus.

KINGSTON.

Mowat Sanatorium.

Alterations to Main Building.—This work consists of the conversion of the former nurses' quarters on the third floor into wards for patients. Provides accommodation for sixteen additional patients with the necessary toilet rooms, nurses' office and diet kitchen. Covered in and glazed verandas were constructed around two sides of the third floor and the staircase at the north-west corner was continued up to the third floor. An existing staircase in the centre of the building extending from the basement to the third floor was removed and a passenger elevator installed. The pent shaft being extended above the roof level in the form of a tower to contain the water tank provided a proper water pressure for the whole of the hospital. Lighting and bell signalling system installed to third floor.

Nurses' Home.—This is a two-story frame building with concrete foundation. The walls are covered with clapboards and roof with shingles.

First floor accommodation consists of a living room, reception room, offices and sleeping porch with quarters for the superintendent of nurses, dietition and assistant dietition, also kitchen and ironing room.

Second floor provides accommodation for thirteen beds for nurses including two for use as an emergency ward also a sleeping porch. A sewing room is provided.

Basement accommodation consists of furnace, coal, trunk and storage rooms and laundry. Two flights of stairs with grade entrances lead from the basement to the second floor at either end of the building. Emergency ward and living-room are provided with a fireplace. Has separate furnace for hot water heating and electric wiring and fixtures.

Sydenham Military Hospital.

Pavilion "A."—Work consisted of altering an existing stone building and the construction of a new wing and provided accommodation in the basement for patients dining room, kitchen service, stores, etc. The new wing of three wards was of frame construction on concrete foundation.

The first floor accommodation had the administrative offices, hydrotherapeutic department, and a ward accommodating forty-eight patients with a solarium in connection.

Second floor consists of two wards accommodating forty-seven and forty-six patients respectively, with solariums and a surgical department.

A new passenger elevator was installed between main building and new wing from basement to second floor.

On the third floor acommodation is provided for three wards.

Vocational Building.—The work consisted of alterations and extensions to an existing stone building and converting same into offices and class rooms for vocational work. New roof and floors were provided throughout.

Medical Officers' Quarters.—The work consisted of the conversion of an existing stone residence into quarters for officers and provided accommodation for four medical officers.

Nurses' Quarters.—The work consisted of re-arrangement of existing sanitary work, installing extra bath-rooms and provision of new drainage.

Power-House.—The work consisted of alterations to an existing stone building. A portion of the basement was converted into a boiler-room and high pressure boilers were installed to supply heat and hot water for the whole of the hospital. A fire pump was installed utilizing water from the lake for fire protection purposes.

On the first floor, accommodation was provided for ten orderlies with recreation, dining and diet rooms and kitchen and toilet rooms. On the second floor accommodation was provided for gymnasium and recreation rooms for the patients.

Two new stairways communicate between first and second floors. Steam is supplied for the heating of, and electric wiring and fixtures provided to, all buildings.

LONDON.

Westminster Military Hospital.

Isolation Building.—This is a brick building on a concrete foundation with a basement in the rear wing containing a garbage sterilizer, general stores, vegetable cellar, coal bunk and toilet. The portion under main building has a basement 11 by 32 feet.

On the first floor, accommodation was provided for thirty-two patients, consisting of two 6-bed wards, three 5-bed wards, one 3-bed ward and two single-bed wards with the necessary toilet rooms. Diet kitchens, dressing rooms and orderlies rooms were provided and a dining room for the staff. Self-contained kitchen and service room

was provided. Additional rooms first floor for nurse, doctor, lockers and two linen closets.

Size of building—Main building 114 by 30 feet 6 inches, with a wing at each end 19 by 47 feet 6 inches. Kitchen wing 36 feet 6 inches by 49 feet 4 inches. Building is heated with steam from central plant; has electric lighting, etc.

Recreation Building.—This is a brick structure on a concrete foundation. Advantage was taken of the natural grade at the rear to form a bowling alley below the level of the main floor. The auditorium is 44 by 60 feet by a height of 28 feet with a stage 12 feet deep in addition, provided with dressing rooms and toilets. Two emergency exits with ramps were provided, also a booth for projecting moving pictures. The front portion of the building is two stories high and contains on the first floor two social rooms and toilet and on the second a large billiard room and toilet.

The building is heated by steam and lighted with electricity and equipped with a bowling alley.

T. B. Pavilion.—This is a brick building, the rear portion being one-story with basement for storage purposes under same, the first floor having kitchen and service accommodation and dining room for the patients. The main building is two stories in height and contains on the first floor accommodation for sixteen up-patients with the necessary cure verandas, living rooms, diet kitchen, dressing and toilet rooms, also a one-bed emergency room and a nurses' room. The second floor provides accommodation for ten bed-patients in separate rooms, each having a communicating sleeping porch, and, in addition, two large covered porches at either end of the building.

The building is heated by steam from the central heating plant and a complete installation of electric lighting, bells and signals is provided.

Size of building—main wing 27 feet 6 inches by 147 feet—two stories. Kitchen wing about 53 feet 6 inches by 69 feet. Additional rooms on second floor are diet, kitchen, nurses's room, linen room, sink, bath, toilets, etc.

Garage, Storage and Mortuary Building.—The building comprises a two-story storage building 30 by 41 feet, with loading platform to the railway siding. Attached to this is a one-story garage, 26 by 34 feet 6 inches accommodating three motor cars also a one-story mortuary building 26 by 35 feet containing a morgue, a mortuary, sterilizing and doctor's room, affording facilities for post-mortems. Has electric lighting, etc.

Buildings and Grounds Generally.—The plumbing fixtures and kitchen equipments required for the buildings were supplied by this department.

A refrigerating plant and ice-making machine was installed complete in the Service Building.

A contract was awarded to W. H. Harvey dated February 4, 1920, for supplying cast-iron and vitrified pipe for surface drainage, execution of ordinary grading and excavation, building of sidewalks and the laying of a macadam roadway to the various buildings on the hospital property.

A contract was awarded for the construction of a valve house, foundation piers, installation of piping for the water supply and the installation of an emergency engine to run the draft fan.

An elevated steel water tank has been erected of a capacity to contain 220,000 gallons to ensure a water supply to all buildings.

An electric transmission line was carried from the city sub-station along the right of way of the London-Port Stanley Railway Company to hospital property and a pole line construction on the hospital ground to feed the different buildings for light and power.

TORONTO.

Dominion Orthopædic Hospital.—The minor works required to complete the buildings and grounds at this centre were as follows: Alterations in main building, including plumbing fixtures and erection of a guard house. The contract for the laundry building which was under construction, has been finished and laundry machinery installed. The work on the limb factory building has been completed. Additional drainage and catch basins have been provided and a contract awarded for fences, drains, sewers, grading and roadways, also walks to the Red Cross lodge. Certain alterations were made to the heating system in the laundry building. The steam and water mains to the Red Cross lodge were connected up. An addition to the electric power line, including transformer, was installed to supply light and power to the laundry and limb factory building.

WOODBRIDGE.

Central Ontario Sanatorium.—The Department Soldiers' Civil Re-establishment have abandoned the proposal to build a sanatorium on the site secured at Woodbridge.

Manitoba.

WINNIPEG.

Tuxedo Park Military Hospital.—A 12-inch water main from the city supply was laid into this property and an 8-inch tile sewer constructed. Electric light was furnished to the grounds and a contract was awarded for the construction of roadways, sidewalks, etc. Alterations were made to the recreation building. Two new boiler feed pumps were supplied to the old power-house and a water supply furnished to the guard house and fire service mains installed.

Alberta.

CALGARY.

Military Hospital.—A 6-inch water service was installed between the public street water main and the hospital site.

EDMONTON.

Military Hospital.—Alterations and additions were made to the service building and work done to put the hospital building back into its original condition.

British Columbia.

ESQUIMALT.

Military Hospital.—A contract was awarded April 8, 1919, to Robert Moncrieff for alterations and additions to existing buildings forming two new active treatment pavilions with additional story to the hydrotherapeutic building.

The contractor purchased materials and delivered same on site for the construction of foundation walls and basement floor and made excavations.

After the armistice, the work was abandoned and the excavation was filled in and levelled off.

HARBOUR WORKS.

By E. D. LAFLEUR, Chief Engineer.

NOVA SCOTIA.

CHIMNEY CORNER.

This breakwater, 171 feet in length, 20 feet in width on top and extending to 12 feet at low water, and consisting of native round timber cribwork, close-sheathed on all faces was not commenced until the spring of 1919. The work of construction was continued until September, 1919, when it was completed in a satisfactory manner.

EAST RIVER.

(This work is described in the annual report for 1918.)

During the fiscal year 1919-20, a sum of $1,488.61 was expended on general maintenance of the works.

Dredging.

Work was carried out August 25 to November 19. From New Glasgow, dredging commenced alongside the Government wharf and at a point 25 feet on the down river or north side of the public road bridge across the river. The wharf extends from there a distance of 400 feet, and a turning basin was dredged 100 feet in width for this 400 feet length and to a grade of 10 feet below L.W.S. For the next 100 feet the dredging tapered off from the 100 feet width at turning basin to a channel width of 38 feet at bed and this latter width was continued along the line of the old channel to a depth also of 10 feet below L.W.S. to Chambers Point, making a total distance of nearly 5,000 feet. From Chambers Point to Trenton the existing channel was found to be at least 10 feet in depth below L.W.S. with the exception of 1,100 cubic yards, scow measurement, of silt which had gathered round the up-river end of the Trenton wharf and had to be removed. The material excavated consisted of sand, clay and gravel.

There is a variation of six feet between high and low water ordinary spring tides, and this new channel way will open the river to boats drawing up to 10 feet of water. The excavation amounted to 29,300 cubic yards in situ or 36,160 yards, scow measurement, which gives an expansion factor of about 19 per cent. The material was dumped in the old disused channel about six miles down the river.

Cantley Point.

After having completed work on the East river between Trenton and New Glasgow, P.W.D. dredge *No. 4* proceeded farther down the river to perform some work at the south side of Cantley Point. The excavation consisted of the removal of a triangular piece of ground situated on the west side of the new channel at the junction of the old and new channels. The grade over this area is to be 15 feet below L.W.S., which is the same elevation as that of the adjacent new channel. The total excavations have been estimated to amount to 12,000 cubic yards, place measurement, but owing to the approach of winter the dredge had to suspend operations for the season on December 3. By that time, 8,634 cubic yards, scow measurement, had been removed.

FELTZEN SOUTH.

Dredging.

The work done consisted in improving the berths around the public wharf; on the western side an excavation was made 40 feet wide, and for a distance of 110 feet shorewards from the outer end of the wharf. The mud for about three to five feet covers a very hard gravel. Dredge *No. 15* was unable to penetrate the hard material; with the removal of the mud a very good berth is provided. On the eastern side and around the ell on a width from 30 to 60 feet, a greater depth was made owing to the fact that there was a greater depth of mud. In front of the wharf and these two above-mentioned cuts, an average of 12 feet has been made from the wharf to deep water in the main channel. The cost of the work is estimated at 3,625 cubic yards at 44 cents per cubic yard, amounting to $1,596.54.

GABAROUS HARBOUR.

During 1919-20, the sum of $1,102.98 was expended in the construction of a 500-foot extension to the beach protection works, built in the same manner as the work constructed during 1913-14.

HALIFAX.

During the year 1919-20, a contract was let for the reconstruction of retaining wall and execution of dredging at the King's wharf, city of Halifax, one of the piers belonging to the Militia Department. The work done consisted of the tearing down of the old granite-faced concrete wall and the construction of a new retaining wall 109 feet long, 6 feet wide at the base, 2½ wide at the top and 18 feet high, the top being 4 feet above H.W.O.S.T. and faced with granite, also the dredging of two slips, one in front of the retaining wall and the other to the south of the wharf. The contract was on a unit price basis, and amounted to $18,575.60, with extras amounting to $415. The extra work consisted of the lengthening of the southern wing wall to 16 feet 2 inches instead of the 12 feet as set forth in specification, involving 28 yards of excavation, 38 cubic feet new granite, 10½ yards concrete, 5 of stone backing and 11 yards of fill. Three ring bolts were also placed in the work as extras to the contract.

Dredging.

Pier 9, Halifax, is situated at the northern point of the city near the "Narrows." It is used by the naval authorities as a coaling pier.

At the request of the naval authorities, the Public Works Department had the dredge *Fielding* do some dredging in front of the pier removing mud, boulders and some coal. The object of the work was to secure a depth of 33 feet of water in front of the pier, and this work was accomplished with the exception of a small portion near the northern end of the pier. The dredge, on account of her beam, could not take out any closer than 18 feet from the face of the wharf.

The work was carried on during the month of September, 1919, and occupied fourteen days. The material removed amounted to 2,639 cubic yards.

INVERNESS.

About the year 1884, the Broad Cove Mining Company dredged an entrance 30 feet wide by 8 feet in depth, through a sand beach 400 feet in width, into McIsaac pond and protected the channel thus formed with native timber piers. As this entrance was not maintained, the department acquired these works in 1909, and since that time frequent expenditures have been made for repairs and improvements. At

present, there is a narrow entrance that will admit ordinary fishing boats at low water. This passage is protected on the eastern side by a pier and retaining wall 1,100 feet in length, and on the western side by a pier 410 feet in length.

In order to make the entrance available for fishing boats, on August 28, 1918, a contract was entered into for the construction of an extension to the western pier, 100 feet in length and an extension of 335 feet to the eastern pier and for dredging a channel between them 30 feet wide at the bottom and to a depth of 6 feet at low water.

The work was commenced in the fall of 1918, and was completed in the fall of 1919, excepting the dredging, of which about one-third had been done.

ISLAND POINT.

A wharf was originally built at this place by the department in 1886-7 and repaired at different times up to 1904-5.

A description of this work up to that year may be found in the annual report for 1904-5.

Since that year nothing has been done at this place and for a number of years the wharf has been impassable and it was decided that it would be more advisable to construct a new wharf 50 feet to the east of the old structure.

The new wharf is to be of native piles and 166 feet long and 20 feet wide and was estimated to cost $1,650.

The work was commenced as soon as possible after the necessary materials were procured but owing to the lateness of the season the work could not be completed, and during the winter a part of the work was carried away by an ice shove. Of the amount voted for the purpose, the sum of $1,349.89 was expended during 1919-20.

LITTLE BROOK.

(For description see annual report for 1919.)

On 11th of November, 1919, a contract was entered into for the rebuilding of a portion of the shoreward end and north side of the breakwater. It was a unit price contract at 15½ cents per cubic foot of finished cribwork. The work was satisfactorily completed about the end of March, 1920, the final estimate being 25,120 cubic feet at 15½ cents=$3,893.60.

The piece of new work built was 122 feet long, 17 feet high and 12 feet wide.

The sum of $258.02 was expended by day labour in repairs to the outer end of the upper portion of the breakwater, comprising new plank and a number of fenders, also the filling in with ballast and gravel behind the new portion of the work, built by contract, and which could not be included in the contract.

LIVERPOOL.

During the past fiscal year, the Public Works' dredge *No. 7* was employed and removed 18,890 cubic yards, scow measurement. The work was commenced June 16, and completed August 21, 1919, and was on a length of 300 feet in the inside harbour and 60 feet in width, mud and sawdust were removed; near the bar for a distance of 300 feet mud and sawdust mixed with sand, and for a further distance of 950 feet hard white sand. The material removed consisted entirely of material which had filled into the channel, the operations being confined to the channel which had formerly been dredged, the outside portion of which is 150 feet in width.

LOWER KINGSBURG.

The work here involved the construction of a breakwater, skidway and boat shed, put under contract on December 7, 1918, on a unit price basis. The work has been

completed, consisting of the construction of a breakwater 170 feet by 12 to 15 wide. The skidway was built 130 feet long. The shed was built 30 by 25 by 8 to 10 feet high and the capstan was erected.

An extra to the contract was the placing of stone riprapping on the seaward side of the work, costing $407.50. The total cost of the work as completed was $4,137.60.

McKINNON'S HARBOUR.

Departmental dredge *No. 2* was ordered to McKinnon's Harbour to improve conditions. Operations were commenced on October 13 and continued to November 8, when the work was completed. The amount of materials removed, consisting of clay, stones and sand, is 6,073 cubic yards, scow measure.

MALAGASH.

In the fiscal year 1906-07, the department constructed a wharf near the central portion of this settlement. During the past fiscal year, $1,874.27 was expended in making an extension to the wharf and completing the repairs of the preceding year.

The work consisted of the construction of a new span and crib, the crib being 20 feet in length, 40 feet in width, 17 feet high, whilst the span was 12 feet in length, likewise 40 feet in width. Besides this, the completion of the former outside crib 25 feet in length, 40 feet wide, was effected this year. The chief work done during the past year was in connection with the plank, guard rails and stringers. The work was commenced November 8 and completed December 22, 1919.

MARGAREE BREAKWATER.

During 1919-20, the sum of $10,489.08 was expended by day labour in placing a cribwork block, 200 feet in length by 12 feet in width, on the seaward side of the western pier, together with reconstructing the western pier 20 feet in width for a total distance of 406 feet, as follows: 164 feet to a depth of 11 feet below the covering; 86 feet to a depth of 8 feet and 156 feet to a depth of 2 feet.

METEGHAN.

On November 10, 1919, a contract was entered into for repairs and renewals to the eastern breakwater or wharf. The work done was the demolition and reconstruction of a length of 125 feet of the shore end of the work. The contract was at unit price of $4.59 per cubic yard and the final estimate was for 869⅞ cubic yards of finished cribwork at $4.59=$3,992.28. The work was satisfactorily completed about the middle of December, 1919.

On March 26, 1920, a contract was entered into for the construction of a new "L" to the western or main breakwater. The contract is on a unit price basis of 16 cents per cubic foot of finished cribwork. The size of the new work to be built is 85 feet long, 30 feet wide and from 26 to 32 feet high, embracing a quantity of approximately 73,460 cubic feet.

NEW CAMPBELLTON.

Dredging.

The departmental dredge *No. 2* commenced operations November 11 and continued until November 29, when the work had to be suspended owing to stormy weather and winter setting in.

The amount of material removed, consisting of clay and loose stones, was 9,122 cubic yards, scow measure.

A dredge of *No. 2* type cannot complete this work, as it cannot dredge close to the wharf, and the dredging required will have to be done by a spoon dredge.

The total dredging still to be done to complete the improvement is estimated at 5,700 cubic yards in situ.

NORTH SYDNEY.

The departmental dredge *No. 2* commenced operations September 15 and continued until October 2, and on completion it was found that on the east side of the coal pier a berth 450 feet long and 50 feet wide was dredged to a depth of 26 feet at L.W.O.S.T., or until rock was met with; on the west side of the coal pier a berth 400 feet long and 50 feet wide was dredged to a depth of 26 feet below L.W.S., and on the east side of the ore pier a berth 320 feet long and 50 feet wide was dredged to 24 feet below L.W.O.S.T., or until solid rock was struck.

The amount of material removed by dredge *No. 2* is 3,253 cubic yards, scow measure, made up as follows: mud and clay, 1,813 cubic yards; rock, 520 cubic yards; coal, 975 cubic yards; ore, 45 cubic yards.

Vooght's Wharf.

Vooght's wharf is situated in about the centre of the harbour front of the town. Dredging to a greater depth around the wharf was asked for, and as the wharf is used for general traffic, it may be classed as of a public nature.

Dredge *No. 13* commenced operations October 2 and completed on October 9 all the work that could be done until ledge rock was met with.

The work accomplished consisted of the dredging of an area 100 feet long and 40 feet wide dredged to 16·5 feet below low water springs on the eastern side of the wharf. On the western side of the wharf, an area 220 feet long, 40 feet wide, was dredged to 16½ feet below L.W.O.S.T., or until ledge rock was met with.

The total quantity of material removed on both sides of the wharf was 1,179 cubic yards, scow measure, and consisted of gravel, boulders and slab rock.

Only part of the dredging asked for was completed on account of solid rock met with, and an area of 220 feet in length and 80 feet width still remains to be dredged to 16·5 feet below L.W.O.S.T. to complete the improvement.

PORT MAITLAND.

(See report for 1917 for full particulars.)

In 1919-20, the sum of $2,780 was expended in building a reinforcing block of substantial cribwork on the east side of the east breakwater. The new block is 175 feet long, 12 feet wide and from 6 to 12 feet high.

SANDY COVE.

(For a full description of the expenditures made on this work see annual reports for 1916 and 1919.)

On June 18, 1919, a contract was entered into for the construction of a reinforcing block to the seaward face of the breakwater for a lump sum price of $4,900. The length of the reinforcing block is 135 feet by a width of 11 feet and an average height of about 16 feet. The contractors began work on July 2, and carried on until November 20, 1919, by which time the work was very nearly finished. The storm of the night of November nineteenth and twentieth did some $200 or $300 worth of damage to the work and the contractors ceased operations.

Instructions were given to proceed with the completion of the work by day labour, and the work was carried on during the winter under very great difficulties and disadvantages, but it was completed on March 19, 1920, at a total cost, by day labour, of $1,995.46.

SOUTH SIDE.

This work, which hitherto has been known as "Donald's Head," is practically a small high-tide island, separated from the mainland by a beach one mile in length and from 1,500 to 2,000 feet in width. It is situated about three miles southwest of Stony island, and is a very important fishing station on Cape Sable island.

This island was protected by a cobblestone beach running along its outside, and by a breakwater situated at its northwest end, which in turn protected a small cove or harbour on the inside, as well as a small creek which has several small landings constructed upon the island side. In the fiscal year 1903-4, this department expended about $3,000 in reconstructing and extending the beach protection, and making small repairs to this breakwater.

During the past fiscal year, $2,099.23 was expended in making an extension to this work which is 40 feet in length, 30 feet width and 17 feet high at the outer end, and is constructed of continuous solid cribwork, ballasted to the top. The work at present has a total length of 275 feet, the first 235 feet having a width of 16 feet, the last and outside 40 feet having a width, as stated before, of 30 feet, the height at the outside end being 17 feet. This work was commenced August 1, and completed September 30, 1919.

SPRY BAY.

The wharf is a block and span cribwork structure, constructed during the years 1908-10, 140 feet long, including the 72 feet of approach, and is 20 feet wide.

During the fiscal year 1919-20, a contract was let for the construction of an extension to the wharf. Work was completed in December at a cost of $4,306.20. The extension is of block and span work, 60 feet long by 20 feet wide, with an ell 20 by 20 feet, giving a face length of 40 feet, and making the total length of the present wharf 200 feet, with an ell 20 by 20 feet.

SYDNEY.

A wharf originally built by the Department of Marine and Fisheries in connection with the quarantine station consisted of a block and span structure extending 148 feet to 8 feet at low water.

During the year 1915-16, the work was extended a distance of 27 feet to 10 feet at low water or 15½ feet at high water.

The departmental dredge No. *13* commenced operations November 3, and continued to the 5th, when it was suspended owing to the prevalence of northeasterly winds and storms, and when it was found impossible for the tug with loaded scows to proceed to the dumping ground, which is three milees away.

The amount of work done during these three days covers an area 230 feet long, 40 feet wide and was dredged to a depth of 13 feet at L.W.O.S.T., and the total quantity of material removed was 1,084 cubic yards, scow measure. An area of 49,400 square feet still remains to be done to complete the improvement desired, which is estimated to cost $4,380.75.

Salters and Moultons Wharves.

Salters and Moultons wharves are two adjoining private wharves on the western end of the town and are used in connection with fishing plants.

Departmental dredge *No. 13* commenced operations on October 10 and continued until October 28, when the work was completed.

The dimensions of the work accomplished consisted in the dredging of an area 280 feet long, 50 feet wide on the east side of Salter's wharf, an area 380 feet long, 110 feet wide between the two wharves, and an area 200 feet long, 110 feet wide at the end of wharves. These areas were dredged to the full depth asked for excepting at the inner ends of the wharves, where the rock was struck.

The total quantity of material removed was 9,880 cubic yards scow measure and consisted of mud, gravel, stones, sand, rock ballast and ledge rock.

TROUT COVE.

A full account of the old breakwater will be found in the departmental report for 1913. A full account of the new breakwater, which was begun in 1912, by contract, will be found in the departmental report for 1916.

In 1919-20, the sum of $2,163.25 was expended in removing between 800 and 1,000 cubic yards of sand and gravel from inside the "L" of the breakwater and in miscellaneous repairs to the floor. Some 30 feet in length of the floor of the "L" was renewed, as well as eight or ten fenders.

WEST HEAD.

Between the years 1907 and 1909, a breakwater-wharf was constructed. It consists of a rock bank approach 100 feet in length, 24 feet in width at the top, and continuous stone-filled log cribwork 247 feet in length, 20 feet width, with the exception of the last 40 feet, which has a width of 70 feet.

In the spring of 1918, this work was badly damaged; in fact the whole wharf was moved from one to three feet out of place by the heavy sea.

During the past fiscal year, $3,089.12 was expended in constructing a reinforced section on the outside. This section is 10 feet in width and runs for the whole length of the breakwater except the head, which was not damaged nor misplaced. The length of this widening is therefore 207 feet; the first 140 feet has been constructed to its full height, that is to the top of the wharf, whilst the last 67 feet has been constructed and ballasted to H.W.O.S.T.

This work was commenced August 6 and completed October 28, 1919.

WHITE POINT.

The breakwater constructed by the department about thirty-five years ago was not strong enough to protect the inside, which was used by the fishermen for a landing; in 1912-13, it was decided to construct a work of permanent material.

During the past fiscal year, $2,098.65 was expended in further extending this work.

The work consisted of constructing an inshore block 30 feet in length, 15 feet width, and an outshore block 16 feet in length, likewise 15 feet in width, the height of the former being 10 feet, the latter 15 feet. The breakwater at present is 150 feet in length, 15 feet width, with a height at the outer end of 15 feet. To complete it would require a further extension of about 40 feet.

Work was commenced September 1 and completed November 29, 1919.

YARMOUTH.

Dredging.

In 1919-20, the Public Works dredge *Northumberland No. 5* removed 88,928 cubic yards, place measurement. The work done consists in widening the channel opposite the Crotch Light flats. The material was deposited on the flats through 1,000 feet of pontoon pipe.

The dredge began work September 24 and stopped work November 29. The dredging was comprised within a maximum length of 1,650 feet by a maximum width of 160 feet. The maximum depth of cut was about 25 feet and the bottom of the cutting has an average depth below L.W.O.S.T. of 20 feet.

The dredge *Fielding No. 1* removed 12,131 cubic yards, place measurement, from the Bug Light shoal. The material was taken out and dumped in 12 fathoms of water outside the harbour. Being equipped with two hoppers, of a capacity of 500 cubic yards each, the spoil was carried by the dredge to the dumping ground, a distance of about two miles seaward.

The material consisted of sand and boulders. The dredge began work July 15. On August 5 rocks and boulders began coming up in the buckets, causing heavy strain on the machine and resulting in damage to one of the buckets. This condition continuing, further work at this point became impracticable without doing serious damage to the dredge, and work was therefore abandoned on August 7, when the dredge moved to John's Cove shoal and began work on August 9, ceasing September 6. During this period, 21,100 cubic yards, scow measurement, of fine sand was removed.

The unattained object of the dredging at the Bug Light was to reduce the angle of turn on entering and leaving the harbour.

The object of the dredging at John's cove was to deepen and straighten the main channel by the removal of a shoal about 1,800 feet southeast of John's cove in Yarmouth sound.

Dredging at Bug Light shoal is comprised within an area of a maximum length of 900 feet, by a maximum width of 350 feet and a maximum depth of cut of about 2 feet. The area dredged has an average depth of 21 feet at L.W.O.S.T.

Dredging at John's cove is comprised within an area of a maximum length of 675 feet, by a maximum width of 275 feet and a maximum depth of cut of 2 feet. Area dredged has an average depth of 21 feet at L.W.O.S.T.

PRINCE EDWARD ISLAND.

BAY FORTUNE.

Dredging.

The entrance to the harbour is obstructed by a bar carrying generally about 4 feet at low water spring tides; this shoal depth greatly interferes with traffic as only vessels of very light draught can enter or depart at ordinary tides. Some improvements in conditions have been effected by the construction of a breakwater running parallel with the channel a distance of 890 feet, but as the increased scour from this work was not sufficient to maintain the depth required over the bar, improvements were commenced by D.P.W. dredge *No. 11* October 2 and carried on until November 17, when suspended, the dredge taking up winter quarters in Souris harbour nearby.

The work done consisted in making a cut about 600 feet in length and 50 feet in width, carrying not less than 8 feet at low water spring tides. This cut extended about two-thirds through the bar and involved the removal of 6,618 cubic yards, scow measurement, of brick clay, gravel, boulders and sand.

As there still remains 8,222 cubic yards of material to be removed in order to complete the cut through the bar and make other necessary improvements it is proposed the above dredge resume operations at the place on opening of navigation coming spring.

A length of 250 feet of the inner end of the breakwater having become damaged and partly carried away by high tides and storms during late fall of 1918, was entirely reconstructed past season at a cost of $1,595.66. Work was commenced July 9 and satisfactorily completed October 8.

BEACH POINT.

Dredging.

(This work is described in the annual report for 1918.)

Work was resumed July 23 and carried through to a satisfactory completion on September 17, 1919, there being removed between the latter dates 23,490 cubic yards, scow, and 3,040 cubic yards, place measurement, overcasting, of mud, brick clay and boulders. All the material overcast was redredged and scowed away. The improvements made covering the two seasons consisted in forming a channel 1,000 feet in length, 65 to 75 feet in width, the inner 200 feet widening out to 200 feet at the shore end to form a turning basin, the whole carrying from 7 to 8 feet at low water spring tides.

Some small improvements to facilitate shipping of the district were authorized to be undertaken at Messrs. Prowse & Sons wharf by dredge *No. 9* before leaving the vicinity.

The berth on the west side of the above wharf as laid out to be dredged had a length of 100 feet and width of 65 feet, to carry 8 feet at low water spring tides. Commencement was made September 18 and discontinued on 24th, when a length of 75 feet had been completed, as the material which was very fine soft sand ran back into the cut about as fast as it could be dredged. The total quantity of material removed at the wharf was 500 cubic yards, scow, and 700 cubic yards, place measurement, of overcasting, 300 cubic yards of the latter being redredged and scowed away.

BELFAST.

Dredging.

During July 4 to 18, departmental dredge *No. 9* removed 9,640 cubic yards, scow measurement, of principally mud and silt, cleaning up the basin 240 feet by 150 feet in front of pierhead to 9 feet at low water spring tides or 18 feet at high water.

Exceptionally high storm tides which occurred in the late fall of 1918, washed out a portion of the roadway approach and damaged the covering of the pierhead. During the past season, the necessary repairs were effected. Work commenced April 23 and was carried on at different times until June 30, when satisfactorily completed.

CHARLOTTETOWN.

Authority was granted to undertake the cleaning up of the dock between Messrs. Buntain, Bell & Co.'s and the Queen's wharves, also the berth on the east side of the former. Dredge D.P.W. *No. 9* commenced operations in the above dock on December 2, continuing until the 16th of that month when ice conditions prevented further work and the plant went into winter quarters nearby.

During this time, 6,120 cubic yards, scow measurement, of principally soft mud and silt were removed from the Queen's dock there now remaining only some little cleaning up at both its ends to complete this portion of the work.

All improvements as laid down will require the removal of 14,000 cubic yards, scow measurement, of material and consist of forming berth on the east side of Messrs. Buntain, Bell & Co.'s wharf 500 feet in length, and 40 feet in width to carry 20 feet at L.W.S. tides over the outer 200 feet from where it gradually grades up to 12 feet on inner end, while the dock on the west side is to be 415 feet long, 80 feet wide at outer end and 68 feet at the inner end, grading from 18 up to 15 feet at L.W.S. tides.

To complete these improvements there remains to be removed 8,121 cubic yards scow measurement of material and it is proposed dredge *No. 9* will undertake this work immediately navigation opens.

HURD'S POINT PIER.

Dredging.

Improvements in the immediate vicinity of the pierhead were undertaken by dredge P.W.D. *No. 9* during last season.

Operations were carried on from October 3 to 31, on which latter date the work was satisfactorily completed, there being removed 13,180 cubic yards, scow measurement, of principally soft mud and sand. The work commenced 600 feet from the pierhead, where the former dredged channel has a width of 60 feet, and was continued inwardly gradually widening to 200 feet immediately in front of the pier so as to form a turning basin for vessels, while a shipping berth 80 feet wide and 100 feet in length was dredged on the eastern side. The depth made over all the work was 9 feet at low water spring tides, which are assumed to be 11 feet below top of guard timber in front of the pierhead to which all soundings are reduced.

Most of the material excavated being of a very soft nature some filling in over the area dredged may take place from time to time; a reasonable permanency, however, is expected.

Wharf.

Portions of the plank covering on outer part of the approach, having become unsafe owing to decay, was replaced with new material at a cost of $188.30. This work was commenced August 27 and satisfactorily completed September 5.

NORTH LAKE.

During the fall of 1917, a very severe storm formed a new outlet from the lake into the sea about three-quarters of a mile west of the original outlet winding through the beaches which ceased to discharge, almost immediately new conditions occurred and it became completely blocked with drifting sand.

With a view of making the new outlet permanent, a contract for the construction of the necessary channel and beach protection works was entered into September 23, 1919, on a unit price basis entailing an approximate expenditure of $25,000, the materials for which are now being obtained; actual construction to commence after departure of ice from the coast.

The main works which have a clear width of 45 feet between them will consist of a series of pile bents, waled and close-piled on faces and ends; the interior being filled with alternate layers of brush and stone. The eastern work has a length of 330 feet and the western 300 feet, both being 15 feet in width except the outer 50 feet which is 20 feet, while the beach protection works are of similar construction and extend from the main work at right angles east and west 108 and 80 feet respectively.

SOURIS HARBOUR.

(This work is described in departmental report for 1915.)

Natural settlement having occurred in the stone riprap protection slope on the seaward side of the breakwater, its making up and repair was undertaken under contract of August 11, 1919, for delivery of from 4,000 to 5,000 cubic yards as found required of approved stone at a price of $10.75 per cubic yard in place.

Owing to delay in awarding the contract, delivery of stone was not commenced until September 10 and carried on till November 8, 1919, when suspended for season. The work done has been delivery and placing of 1,714 cubic yards large size Wallace free stone, making up of the settlement in the protection slope for a length of 135 feet adjoining the outer block.

WOOD ISLANDS.

Works for the formation of a boat harbour at this place were first commenced by the local Government in 1859, and since continued by the Dominion Government until now as described in departmental report for 1918.

As the greater portion of the works, particularly the north breakwater, has become through age and action of the teredo much out of repair and about impassable, it will be necessary to make considerable expenditure on it from time to time should it be decided to maintain this portion of the work for shipping purposes. A large portion of the south breakwater, which in itself forms a harbour of refuge for various small craft employed fishing, freighting, etc., in the vicinity, is comparatively new work, particularly the two outer 100 feet blocks, and is of such public importance as to justify its upkeep.

During the past season the 12 by 12-inch timber wall on seaward side of the south breakwater for a length of 50 feet and height of 10 feet commencing at a point 200 feet from the harbour entrance was rebuilt, reballasted and strengthened with piling; the piles extending inward a further distance of 125 feet along the old work. General repairs and strengthening were also effected to the outer 100 feet block, while the entire covering on the outer portion of the whole work was renewed or repaired as required. Owing to weather conditions, it was impossible to place all the ballast required in the work.

Work commenced August 12 and was suspended September 18.

NEW BRUNSWICK.

BACK BAY.

The wharf, part of which was built by the Provincial Government, and transferred to the Federal Government on the 5th of June, 1918, is now 321 feet in total length, having an approach 293 feet long and from 16 to 20 feet wide, and a cribwork pierhead 50 feet wide and 30 feet long.

On the 11th of March, 1919, a unit price contract was let for the renewal of and repairs to the wharf, the work to consist of replacing the approach, for a distance of 165 feet, with trestlework, inserting six new bents in the shore end of the approach, rebuilding one flight of steps, and renewing some cap and covering. The work was begun June 19 and completed August 5, 1919.

Expenditure for fiscal year was $4,323.50.

BATHURST.

Dredging.

In the Main or Nepisiquit channel 17 feet of water at low water ordinary spring tides is called for under the present project, but no doubt a depth of 20 feet will in time be adopted to meet the requirements of shipping in order that vessels may take full loads inside and sail at ordinary high tides.

Dredging has been in progress since 1913, except in the season of 1918, either with contract or Government dredges or both, and the main channel and the turning basin at its head and also the channel from the Middle river, leading to the Bathurst Lumber Company's Mill No. 1 and the departmental wharf, have been dredged throughout, but not as yet to the full width or depth. The limiting depth is now about 13½ feet.

To complete the present project the removal of about 600,000 cubic yards is still necessary, including dredging to the extent of about 67,000 cubic yards in a branch channel along the town shore to the Eddy Company's mill.

The general dimensions of the work are as follows:—

On the main or Nepisquit channel, about 3·6 miles long from the harbour entrance to the berth and turning basin at the pulp-mill, the required width of cut is 200 feet, increased to 300 to 350 feet at the turns, and depth 17 feet at low water.

The turning basin and berth together will have an average width of 450 feet, length of 900 feet, and depth of 21 feet at low water.

In the branch channel at the Gloucester Lumber and Trading Company's and the Geo. Eddy Company's wharves the proposed cut is 2,000 feet long and 100 feet wide with 12 feet at low water.

The Middle river channel is 4,500 feet long, proposed depth 15 feet at low water and width about 100 feet.

The cut across the outer bar is 1·7 mile long, required width 200 feet and depth 17 feet at low water.

During the season of 1919, dredge *P.W.D. No. 13* worked between June 2 and 19 in the Middle river channel, working upwards from The Forks for a distance of about 900 feet in a cut about 40 feet wide with depths of 13 and 13½ feet. Previous depths were about 10 to 12 feet, and these depths are still found in a short section beyond the cut which the dredge was not able to complete, being obliged to leave to take up work elsewhere.

The quantity removed amounted to 7,619 cubic yards, barge measurement. Material—sand.

Dredge *P.W.D. No. 3* worked between June 24 and November 29 at the following points:—

(*a*) Outer Bar—quantity removed—Inside Harbour..	66,005	cubic yards.
(*b*) Ripple Bar—quantity removed..	20,732	" "
(*c*) Ballast Bar—quantity removed..	3,510	" "
(*d*) Seal Bar—quantity removed..	7,205	" "
(*e*) Bathurst Lumber Company's Mill No. 2 Wharf..	2,798	" "
Total..	100,250	" " barge measure.

On the Outer bar the dredge worked over about half the shoal, deepening a number of sections where shoaling had occurred, widening the cut and giving a least depth of about 15½ feet, or 1 foot deeper than the previous minimum.

At (*b*) heavy shoaling occurs in a point which forms each season from the southern side, nearly crossing the channel.

The dredge removed this point to a depth of about 14 feet and worked over about one-quarter of a mile of the channel at this section.

At (*c*) the dredge worked over a shoal section in a length of about 400 feet, giving about 1 foot better water than previously.

At (*d*) two sections were dredged, but the filling in of the previous season was not fully removed and the controlling depth, at the upper end of the Seal bar, is now only about 13½ feet, or slightly less than before.

At (*e*) the berth along the face of the wharf, which has a length of 940 feet, was deepened and a ridge 10 to 20 feet wide was removed along the upper 480 feet, or the old section.

The depth in the upper berth is now 19 feet at low water; in the lower berth 18 feet but at a distance of about 15 to 50 feet out from the face.

The material on the outer bar is sand with in places firm clay below.

On the Ripple, Ballast, and Seal bars it is sand to fine gravel, partly loose and partly compact. From the Forks upwards the material varies from soft mud to stiff clay, with sand on the Tetagouche bar at the lower end of the Middle channel.

Heavy shoaling occurs, particularly near the outer end of the Outer bar, on the Ripple bar and the Tetagouche bar, and we have estimated the removal of 30 to 50,000 cubic yards annually as necessary for maintenance.

During 1918 no dredging was done, and the total of 107,869 cubic yards removed in 1919 was probably nine-tenths filled in material.

BLACK RIVER.

Dredging.

During the past season a cut 900 feet long was made across the flats. The cut is 40 feet wide except at the upper end, which was widened to give an easy curve. The depth given was 3½ feet at low water, the flats being dry or nearly so at low water ordinary spring tides.

The lower obstruction to navigation has thus been removed and there remains, to complete the desired improvement, dredging across a second bend, and a shoal section in the present channel near the Cameron bridge.

The total quantity removed between June 27 and September 23, when the work was in progress, was 8,500 cubic yards, barge measurement. The material was mud.

The dredging was done under contract at 24 cents per cubic yard, barge measurement, the total payment amounting to $2,040. A gasolene power clamshell dredge, *The Black River,* was employed.

CAMPBELLTON.

Dredging.

Between July 28 and August 4 and between August 26 and 28, dredge *P.W.D. No. 2* worked in the inner berth of the deep water wharf, where previously were depths of about 14 to 20 feet.

A depth of 20 to 24 feet was given for a length of 375 feet along the outer section of the wharf and a width of 50 to 80 feet. A narrow ridge is left along the face of the wharf which cannot be removed with this dredge. The material removed amounted to 8,000 cubic yards, barge measurement.

The outer berth requires dredging to the extent of 25,000 cubic yards, barge measurement, and as shipping increases the dredging of the inner berth should be extended to provide an additional berth at the inner end.

Material—Mud, sand and gravel.

Wharfs.

Extensive repairs were made to the deepwater, ferry and market wharfs.

DIPPER HARBOUR.

The breakwater-wharf built by the department in 1905-6, and extended in 1911-12, is now 445 feet in total length, and consists of square timber cribwork, filled with stone, varying in width from 28 to 38 feet, on top.

To maintain the seaward side of the pierhead, which had been loosened by heavy storms, six piles were driven in July, 1919, as a test of a method of protection. As this method proved satisfactory, the whole of the seaward side of the pierhead, a distance of 87 feet, was close-piled in September, 1919, forty-three piles, from 45 to 58 feet in length, being driven and bolted in place with drift and screw bolts.

GREAT SALMON RIVER.

During 1919-20, a wharf of round cribwork, 245 feet long on the outer face, and 11·5 feet wide on top, was constructed by day labour. The wharf was filled with stone ballast, and connected with the old wharf at each end with plank driveways. All materials for this work were supplied by the Pejepscot Paper Company free of charge to the department. The work was begun on August 6, and completed on November 14, 1919.

The expenditure for the fiscal year was $2,462.34.

LOGGIEVILLE.

Dredging.

Dredge *P.W.D. No. 13* was at work between July 18 and August 4, working upwards and inwards from the 18-foot contour at a point about 200 feet below the lower end of the A. & R. Loggie Company wharf, giving depths of about 16 feet to a point about 200 feet above the lower end of the wharf and a berth 100 feet wide with depths of 12½ to 14½ feet to within about 50 feet of the upper end.

At the upper end, a small berth was dredged about 50 feet wide extending 150 feet shorewards from the northwest corner with depths of 5 to 7 feet where was previously an average depth of about 2 feet, the berth here being required for tugs, fishing boats, etc.

Along the face of the public wharf a berth about 75 feet wide or out to the 12-foot contour was dredged to depths of 9 to 14 feet, where were previously only 6 to 8 feet, and the same berths were dredged in the approach for a length of about 250 feet below the wharf in a gradually decreasing width.

Depths given are below low water ordinary spring tides, the range of spring tides being 6 feet.

The quantity dredged was 14,082 cubic yards, barge measurement, being 11,954 cubic yards at the A. & R. Loggie Company wharf and 2,128 cubic yards at the public wharf.

The material is soft mud, and very heavy shoaling occurs.

MIZZENETTE.

The wharf was built in 1889 and was originally 538 feet long but is now 372 feet long, the outer section having been abandoned in 1897-98.

During the fiscal year 1919-20, the wharf was almost wholly rebuilt. The old superstructure, cap, covering, stringers, and upper round timbers of the blocks, was removed. Small blocks about 17 to 20 feet long by 13 feet wide were built to fill spans Nos. 1, 2, 3, 5 and 6. The westerly half of the pierhead was removed and one block 34 by 13 feet built to replace it and fill span No. 7. A continuous superstructure three to five tiers high was laid over the new and remains of the old blocks except at span 4, which was left open and on which new stringers and covering were laid, and the work was filled with ballast and surfaced with earth and gravel. The shore block was extended 30 feet shorewards with cribwork two tiers high. Sixty-seven new fenders were placed around the work.

The work was in progress between July 21 and September 30, 1919.

The expenditure for the fiscal year was $2,843.98.

NEGUAC.

The work of reconstruction and repair of the wharf, which has been in progress in the last four seasons, was completed during the fiscal year 1919-20.

Seven of the spans, 20 feet long, were filled in with small timber cribs about 17 feet long by 23 feet wide, and a continuous superstructure was built over these cribs and the adjoining nine original blocks, the decayed superstructure of the blocks being first removed. The new superstructure throughout was filled with ballast and surfaced with gravel. New stringers and covering were placed over three spans which were left as openings through the wharf. These spans and the new cribwork superstructure covered a length of about 367½ feet, extending to the outer end of the approach. New cap-timbers were laid in a length of 367 feet, new 3-inch covering was laid over the old section, 40 by 60 feet, of the pierhead, and hardwood sheathing was placed on the eastern face of the pierhead, old and new sections, a length of 60 feet.

The expenditure for the fiscal year was $4,334.53.

OAK POINT.

The wharf, which is 481 feet long, was built in 1907 and 1908.

The block next the pierhead of the wharf had been moved 4 feet westerly by ice and the whole wharf was weakened by the teredo.

During the fiscal year 1919-20, two cribwork blocks, one 14·7 feet long by 20·2 to 23·7 feet wide and one 15·5 feet long by 24·3 to 30 feet wide, were built to fill in the two outer spans at either side of the displaced block, thus making the outer 129 feet of the wharf, including the pierhead, practically one solid cribwork structure. Extra stringers were laid to straighten the eastern side where the block was moved.

Two new slips were cut in the pierhead to enable the steamer to lie further in along the sides of the wharf. The original pierhead and the two new blocks were sheathed with creosoted timber. Two-inch plank was laid over the old covering of the pierhead and in a strip 10 feet wide by 430 feet long on the approach, also over the old covering which was first repaired.

Early in November a heavy storm carried off or damaged several sections of the covering and therefore 2,000 feet board measure were purchased for repairs, but on account of the great scarcity of labour at the time these repairs could not be made.

Work was in progress between June 23 and July 2, and between September 1 and October 21, 1919.

The expenditure for the fiscal year was $3,003.87.

PORT DUFFERIN.

Authority was given to rebuild, by day labour, a portion of the breastworks 161 feet in length. Materials were purchased and work commenced driving piles and framing the necessary cribwork, the whole work being completed in August. The whole breastwork is now in good condition, and should stand for a number of years without any further expenditure.

The total expenditure was $12,904.19.

RICHIBUCTO CAPE.

The works consist of a main breakwater and a southern pier inclosing a sheltered harbour about 2.8 acres in extent.

During the fiscal year 1919-20, the connecting block 101 feet long and end block 30 feet square of the pierhead of the breakwater were completed.

The connecting block was raised about 2 feet with round timber, stringers and plank; the side bays were filled with stone; the upper 4 to 8 feet of the outer face was sheathed with hardwood plank and the old lower sheathing was rebolted. The end block was raised about 3 feet with square and round timber, stringers and covering; additional ballast was placed to a depth of 3 feet and fenders 6 feet long were placed around the sides. A section 55 feet long of the outer face of the original pierhead, where part of the square face timbers were carried away last spring, was close-piled.

The work was in progress between September 19 and November 26, 1919.

The expenditure for the fiscal year was $1,980.

ST. JOHN.

Grain Conveyer to Berth 15.

On March 2, 1920, a contract was signed with Messrs. Grant & Horne for the construction of grain conveyer from the Canadian Pacific Railway Company's elevator to Berth 15, West St. John. On account of the winterport business, it was impossible

to work either across the railway company's yards or at Berth 15. The contractors commenced work, however, framing the materials required, and made a commencement on one of the towers for the conveyer galleries. The expenditure to the end of March was $10,898.20.

Dredging.

During the season, 64,971 cubic yards were dredged in the main entrance channel of the harbour by the departmental dredge *No. 1.* The deep water berths, West St. John, were also dredged to a uniform depth of 32 feet. This latter work was performed partly by departmental dredge *No. 1* and partly by contract, the department dredge removing 67,182 cubic yards, and 17,216 cubic yards were removed by contract. The expenditure for contract dredging was $6,253.88.

COURTENAY BAY.

The work of extending the Courtenay Bay breakwater has proceeded continuously during the year, and rock has been deposited for the full length of the extension, 2,500 feet, by side-dumping cars from a single-track trestle, built in advance of the work. The larger stones, measuring from two yards and up, for covering the outer slopes, are being deposited by the use of three steam derricks and a locomotive crane. The supply of large stone has not quite kept up to the progress of the other work, but the output of this stone has now been very much increased, and it is not expected that any delays in completing the work will occur from insufficient quantity of this stone. The work remaining to be done, in completion of the breakwater, is bringing the slopes of the core to uniform lines and grade, and placing of cover stone. The past winter has been very severe, and several storms have occurred which raked down the breakwater slopes, but these were not moved outside the lines of the work, and, therefore, no material loss was sustained either by the Government or the contractors; 398,349 cubic yards small and 6,001 cubic yards large stone were deposited in the breakwater during the year.

Submarine Rock.—The quantity of submarine rock at the entrance to the dry dock to be removed was increased from 75,000 to 140,000 cubic yards. As soon as the necessary authority was granted the contractors commenced the construction of a cofferdam to inclose the whole submarine rock area, and thereby excavate in the dry. The cofferdam is built with pile trestle on bents, 10-foot centres, sheeted with 6-inch tongued and grooved British Columbia fir, driven from 2 to 3 feet into clay overlying the rock. On the outside of the cofferdam is placed quarry waste, etc., and on the inside, clay obtained from the vicinity of the dry dock. The 10-inch centrifugal pumps are used to keep the cofferdam dry, and work has been commenced on excavation of the rock.

Dredging.

In September, a suction dredge commenced dredging in the basin, but very unsatisfactory progress was made, there having been about 50 per cent delays during the time worked. Operations were suspended on December 11, and since that time no further dredging has been done.

General Maintenance of Harbour.

During the season, general repairs were made to the different wharves and buildings in the harbour, in addition to improvements to the grade conveyer system, Berth No. 5.

Total expenditure for the fiscal year 1920 was $1,135,970.29.

SHIPPIGAN GULLY.

Works were begun in 1875 to improve the channel at the gully, in which there was then a least depth of only 3¼ feet at low water.

Repairs both by day labour and under contract were in progress during the fiscal year 1919-20.

By day labour, between 2nd and 14th and 23rd and 30th June and between 1st and 7th and 18th and 22nd August, a breastwork 165 feet long was built on the west beach; 54 piles 14 feet long were driven in this breastwork, which is 6 feet wide and 6 feet high, and brush is packed between the piles; 14 broken piles were removed from the outer corner of the return pier of the western breakwater, spliced with hardwood sticks on hand and redriven at the same corners.

On September 27, 1919, a contract was entered into for general repairs and the construction of protective blocks at the western breakwater.

Works began under the contract on September 29 and by December 31, when the work closed down, 60 main and 326 close piles had been driven in a length of 301 feet along the outside face of the breakwater, beginning 430 feet from the outer end. One main and 24 close-piles were driven in a length of 20·8 feet and 2 main and 33 close-piles in a length of 29·2 feet on the inside face, beginning 440 feet and 280 feet respectively from the outer end. The piles were secured with walings and cross-ties and brush and stone were placed in the work.

The contract is on a unit price basis, the estimated cost being about $16,000, of which $7,390 was expended at the close of the fiscal year.

The expenditure for the year was $8,309.15.

STONEHAVEN.

The breakwater, originally a private structure and acquired by the department in 1878, and a western pier inclose a harbour with an area of 2.1 acres.

Between September 8 and October 16, 1919, a cribwork block 40 feet long, about 5 feet wide on top and 15 feet at the bottom and 12 feet high was built outside the outer end of the approach which was in danger of being broken through; 30 feet of the block was sheathed with lumber hewn to 8 inches thick; 90 cubic yards of ballast were placed in the new crib and in the old crib at the corner, the sheathing of which was repaired; 25½ cubic yards of large granite blocks were placed on the talus outside the pierhead.

The expenditure for the fiscal year was $1,198.80.

WASHADEMOAK LAKE.

The object of the dredging performed in 1919-20, was to provide a better channel to Coles island, at the head of Washademoak lake. Formerly, for a considerable stretch at the head of the lake the channel had only 8 feet of water, or less, and for a section nearly half a mile in length, where it had been formerly dredged, the width was only between 30 and 40 feet and difficult to navigate.

The section dredged was 6,200 feet in length, and covered a total distance of approximately eight miles, the shoals being intermittent. The channel as completed is 75 feet wide, with a 9-foot grade or 10-foot subgrade.

In addition to the channel work, a small amount of dredging (803 cubic yards, place measurement) was done in front of Perry's wharf, on Washademoak lake, in order to give satisfactory access to the wharf. The material removed consisted of clay and sandstone, and a depth of at least 9 feet was made.

Between August 29 and November 8, 1919, the departmental suction dredge *No. 12* removed a total quantity of 30,095 cubic yards, place measurement, of sand, silt and lumber refuse, from the channel and in front of Perry's wharf.

The material was generally deposited on a sweep not more than 100 feet back from the shore of the lake. A portion of the material, however, was deposited in a blind channel where it would in no way interfere with navigation.

WELCHPOOL.

During 1919-20 a floating slip was constructed, placed in position and secured. The slip consists of a scow or pontoon 30 feet by 17 feet and a gangway 42 feet long and 3½ feet wide secured to a platform 8 feet by 4 feet supported by two posts securely braced to the wharf. The work was begun on October 25, 1919, and completed on January 9, 1920.

PROVINCE OF QUEBEC.

ANSE A BEAUFILS.

During the last fiscal year, the groin partly built at right angle from the east jetty last year was completed, and an extension of 35 by 20 feet of open-face crib-work was built and completed.

A top breastwork of 90 feet was built and the whole of the old breastwork towards shore repaired.

Expenditure $2,494.21.

BATISCAN.

Dredging.

The shoals situated below the wharf have been removed completely, and a cut of 1,150 feet in length by 30 in width has been made above the wharf in the upstream channel. All this dredging has been made to a depth of 12 feet below low water level. The total quantity of material removed was 16,350 cubic yards, scow measure, of sand.

The dredging was done by dredge *P.W.D. No. 123* from October 21 to November 15, 1919, and dredge *Q. & R. No. 1* from November 6 to 15, 1919.

Though the dredging was not completed, it has, nevertheless, relieved the situation.

Further dredging will be required next year, in order to complete the whole programme of the work.

CAUGHNAWAGA.

Dredging.

The object of this dredging was to give better access to the Government wharf by the ferryboat *Hebron,* plying to and from Lachine and drawing 7½ feet of water.

The site of dredging is immediately opposite the downstream corner of wharf, some 155 feet from the Grand Trunk Railway wharf.

From September 27 to November 28 departmental dredge *No. 121* worked here and removed 1,340 cubic yards, place measurement, or 2,010 cubic yards, scow measurement.

Dimensions of work done are as follows: A cut 60 feet wide parallel with current by 110 feet long average to 9 feet clear below extreme low water; some cleaning up was also done in front and downstream of the wharf, 130 feet long, parallel with current by 40 feet wide average, to 7 feet below low water level.

Material removed was hardpan, boulders and cemented clay, very hard to remove. The channel in front of Government wharf is over 200 feet wide with a good 9 feet clear of water at low water and 7 feet around the wharf with a swinging basin allowing nearly 8 feet of water.

GROSSE ISLE.

Dredging.

During the fiscal year ended March 31, 1920, dredging was performed around the outer end of the eastern wharf at Grosse Isle Quarantine Station.

The object of the work was to provide a sufficient depth of water at low tides, so that the quarantine steamer *Alice* may not be delayed in her service, on account of being stranded at low tides, and also to allow the steamer to find shelter on either side of the wharf.

Dredging was performed on an area of 13,500 square feet on a mean depth of 5 feet.

The material excavated was clay overlaid by silt deposits and the quantity removed was 2,870 cubic yards, scow measurement, allowing an expansion factor of about 30 per cent. The work was done by departmental dredge *Progress, No. 116,* between May 13 and 24, 1919.

LÉVIS.

Deep Water Wharf.

During the past season an angle crib, 60 feet long, was built at the east end of the permanent concrete deep water wharf, in order to stop the river washing out back-filling.

Total expenditure to date was $2,607.20.

MAGOG.

A contract was entered into on the unit price of payment for the construction of the wharf.

The work commenced on August 9, 1919, and was carried on satisfactorily until its completion on January 3, 1920, and consisted:—

1. In taking down the pile headblock.

2. In the construction of a close-faced crib 15 feet wide at the bottom and 10 feet at the top all around the work.

3. In filling the inside space with stone and levelling with an 8-inch layer of gravel.

4. In building a combined shelter, baggage-room and waiting-room, placed on a concrete flooring, for the use of the public. The present headblock is 55 feet wide and some 220 feet long, having on both sides at the inside end low landing stages for small boats.

The expenditure was $22,220.57.

Pending this reconstruction, it was found necessary to make minor temporary repairs to the old wharf and work was done intermittingly from June 12 to October 17, 1919, and consisted in renewing some of the old floor planks.

NEW CARLISLE.

Dredging was done during the fiscal year 1919-20, to provide a tidal basin of sufficient dimensions to allow safe berthing of vessels while loading. A basin of nearly 245 feet in length by a mean width of 75 feet and a mean depth of 13 feet L.W.S.T. was dredged by departmental dredge *No. 13* from June 20 to July 4, 1919. The amount of materials removed was 5,837 cubic yards, scow measurement.

Materials, which consisted in coarse sand, were dumped in about 50 feet of water at about two miles from working grounds.

NICOLET.

Dredging.

The work consisted in dredging the channel 60 feet wide from the outlet up to about 1,600 feet to a depth of 8 feet below extreme low water level with 1 foot allowance.

The work was performed by dredge *Capital,* at the price of 45 cents per yard, scow measure; it was commenced October 23 and completed on November 28, 1919, and involved the removal of 9,105·5 cubic yards, scow measurement.

The cost of this work was $4,237.48.

PORT ALFRED.

Dredging was performed by the departmental dredge *No. 110,* and was started on September 5 and suspended on October 8.

Two cuts, 35 feet in width by an average length of 625 feet, were dredged.

The work done consists mostly in the redredging that portion dredged during the summer 1917, with the exception of a strip of about 6 feet in width by 640 feet in length, closer to the wharf under construction, which was a newly-dredged area.

Work was done to 27 feet below low water line, plus an allowance of one foot for subgrade; 28,978 cubic yards, scow measurement, of material were removed and dumped at a distance of about one-quarter of a mile.

The material removed consists of very soft clay, and some difficulties were experienced in performing that work, owing to the nature of the bottom.

RESTIGOUCHE RIVER.

Champoux Wharf.

Dredge *P.W.D. No. 2* worked between August 5 and 20, 1919, giving depths of 21 to 24 feet in a length of about 250 feet, the lower end of the berth being already of sufficient depth, and for a width of about 80 feet. The depths over the section dredged previously ranged from about 13·6 to 22½ feet.

The material removed amounted to 8,000 cubic yards, barge measurement.

A ridge remains about 15 to 20 feet wide with 12 to 17 feet at low water close to the wharf, which could not be removed by this dredge.

Depths given are at low water of spring tides, the average range of which is about 10 feet.

RICHMOND.

On June 24, 1919, a contract was entered into for the construction of three ice-breakers immediately above the narrows below the town, on the unit price basis.

The work commenced on January 12, and was completed March 13, 1920. It consisted in building three similar close-faced crib ice-breakers, 26 feet long, 18 feet wide by 24 feet high, sheathed and protected by steel plates on side edges of the sloping face.

During the fiscal year 1919-20 the expenditure was $10,721.10.

RIMOUSKI HARBOUR IMPROVEMENTS.

The wharf, which is now 2,340 feet in length by 245 feet, 150 and 42 feet in width, constitutes, with the protection of the island St. Barnabe, one of the best harbours.

A contract was entered into at schedule prices on March 21, 1914, for the construction of a line of cribwork and the dredging of a tidal basin.

This contract was cancelled on November 9, 1918, before its completion, and it was decided to complete work by day labour.

Cribwork.

The work done during the fiscal year 1919-20 consisted in the completion of the sheathing of the westerly, northerly and easterly sides of new construction, the laying of the 100 feet of cap-piece remaining to be done, and entirely finishing off the construction work.

Passageway.

The two passageways uniting old and new constructions, which were commenced during last fiscal year 1918-19, were completed early in summer of 1919.

Filling.

To fill the space between old and new wharves, the clam derrick bought from the contractors was put in operation to rehandle material brought in flat scows alongside of the wharf. A second clam derrick was also erected with the view of accelerating work. A trestle and track were built between the two wharves on a length of 1,000 feet to permit the travelling of the two clam derricks.

With these two derricks 46,043 cubic yards of dredged materials, scow measurement, of which the coefficient was found to be about 40 per cent, were utilized for filling purposes.

From September, 1919, to March 31, 1920, 18,549 cubic yards of shale rock were carted from our quarry, 20,886 yards of sand and gravel were bought and carted by local farmers, 3,542 loads of approximately two cubic yards of brush were also dumped in between layers of filling, and 432 cubic yards of stone were packed in some places to fill in spaces along cribs.

Dredging.

The dredging work done was authorized to complete the tidal basin, begun in 1914, under contract, which was cancelled in November, 1918 and, it was decided afterwards by the Department to have this work proceeded with by a departmental dredge.

On account of the necessity of providing only hard materials for filling purposes, dredging was done, during summer 1919, practically only in southern portion of basin, upon a length of 325 feet by a width of 200 feet with one cut of 250 feet long by 40 feet wide dredged outside of basin on its westerly side.

The proposed basin to be dredged to 22 feet L.W.S.T. is 1,000 feet long by 200 feet wide on westerly side of wharf, and 100 feet long by 445 feet wide on northerly side of wharf; the actual depth of water in said basin could be described as follows:—

In portion lying north of north face of wharf, the depth of water varies between 18.4 and 22.8 feet L.W.S.T. On west side of wharf, along face of the wharf 420 feet in southerly direction from northwest corner, depth varies between 18.2 and 22 feet of water L.W.S.T.; in corresponding portion of basin, depth varies between 16.8 and 22 feet of water L.W.S.T. upon the basin's width; along face of the wharf, upon 220 feet in length, in same above-mentioned direction, the depth varies between 13·7 and 18.8 feet of water L.W.S.T.; upon the following length of 280 feet, along face of the wharf depth varies between 16·0 and 13·7 feet of water L.W.S.T., and upon remaining 80 feet along face of wharf, depth varies from 6.7 to 16 feet of water L.W.S.T., and in corresponding portions of basin depth varies between 12·8 and 22·0 feet of water L.W.S.T.

P.W.D. dredge *No. 116* began work May 31; work was stopped on September 26 owing to dredge dipper being broken.

During the time the dredge was at work, 48,676 cubic yards of materials (scow measurement) were removed, most of which was hardpan clay of the hardest kind; out of this amount 46,043 cubic yards were rehandled by derricks travelling on wharf and dropped between new and old wharves, in order to fill up intervening space.

RIVER ST. LOUIS.

In December last, a contract was entered for the construction of two concrete abutments and the completion of the approaches leading to the Pont Gauvé bridge for the bulk sum of $1,900. In the same month the work was completed.

The abutments proper are 20 feet long, 4 feet 11¼ inches wide at base, 4½ feet wide at the level of the bridge seat and from that point to the top 2 feet wide. Those abutments have return wings 6 feet long, 2 feet 11¼ inches and 20½ inches wide at base, 2½ feet and 1½ feet wide at top. The abutments are 13 feet high, sloped 1 in 24 on the river side and vertical on the back side.

Some filling was made on back of both abutments to complete the approaches leading to the bridge; this filling is about 15 feet long and 20 feet wide with both sides protected by a hand-laid stone riprap at least 2 feet thick.

RIVER ST. MAURICE—EASTERN CHANNEL.

Dredging.

During the present fiscal year, dredging consisted in making a basin for launching vessels and of an extension thereto, for fitting out berth, to a depth of 12 and 13 feet below low water, with a channel of 4,300 feet long, 70 wide to a depth of 12 feet below low water. The total area dredged was 588,337 square feet, and the mean depth of cut was 4 feet.

Works were executed by departmental dredges and dredge *St. Pierre* of the Simpson Bros. Co., Ltd., of Montreal, which was working under contract dated September 3, 1919.

Dredge *P W.D. No. 123* removed 18,264 cubic yards, scow measure, and dredge *Q. and R No. 1* removed 21,072 cubic yards, scow measure. The two above-mentioned departmental dredges worked from below the bridge, Canadian Pacific Railway (Wayagamack), to deep water, into the St. Lawrence river. Dredge *St. Pierre,* of the Simpson Bros. Co., Ltd., worked in the basin, an extension thereto, in front of the Tidewater Shipbuilders Co., Ltd., plant, and removed 51,130 cubic yards, scow measure. The total quantity of material removed, scow measure, by the three above-mentioned dredges is 90,466 cubic yards.

Besides the above-mentioned quantities, 3,670 cubic yards of overcasting were removed in the extension of the basin by dredge *St. Pierre,* of the Simpson Bros. Co., Ltd. Therefore, the total quantity of material removed in the channel, basin and extension is 94,136 cubic yards of sand, gravel and clay.

The Dansereau's branch forms a part of the eastern channel, and is situated between the head of Wayagamack island and Sand island.

Works consisted in the dredging of a channel 400 feet long, 40 wide to a depth of 10 feet below low water. The quantity of material removed was 3,434 cubic yards, scow measure. The average depth of face removed was 7·7 feet.

The material excavated was fine alluvial sand.

This dredging was done by dredge *P.W.D. No. 123,* was commenced October 3 and discontinued on October 9, 1919.

RIVIÈRE DU LOUP (EN HAUT).

The different places where dredging was done may be summarized as follows:—

1. At the outlet of the river in lake St. Peter, the work has consisted in the dredging of a channel 1,800 feet long, i.e., between station 11,600 to 9,800 feet from the main channel, in lake St. Peter, 50 feet wide to a depth of 7 feet at low water. The average depth of face removed is 4.4 feet, and the total quantity of material removed is 14,420 cubic yards, scow measure.

2. A small basin was dredged in front of the wharf. The quantity of material removed was 1,540 cubic yards, scow measure, and 145 yards of castover, making a total quantity of 1,685 cubic yards.

3. During the performance of dredging at the wharf, the water went down, and the scow and tug ran aground at the head of the Tourville booms. Under these circumstances, we were obliged to open a cut so as to get out from this bad position. The quantity of material removed was 485 cubic yards of overcasting.

4. For the same reason, 550 cubic yards of castover were removed in front of the hay shed, which is situated between the Tourville mills and the Government wharf.

The dredging was done by dredge *St. Louis, No. 121.* Operations were commenced June 9, and discontinued on September 16, 1919.

ST. IGNACE DE LOYOLA.

The St. Ignace de Loyola (Nord) wharf, as built in 1905, immediately opposite the Parish church, consisted of a pile block 49 feet long, 33 wide, standing 16 feet high in 8 feet of water at low level.

In July last a contract was awarded for the reconstruction of the wharf, and consisted of (*a*) the removal of the old superstructure from the piles; (*b*) driving of additional piles; (*c*) cutting the front row of piles to ten inches below low water level and all the others to low water level; (*d*) rebuilding an open-faced sheathed cribwork, ballasted with stone on the pile foundation, 49.5 feet long by 17 feet, with two back extension, one of 8.4 feet by 13 feet the other 9 by 13 feet; (*e*) filling the approach with earth covered with 6 inches of broken stone; (*f*) building a stone riprap on both sides of approach. The work was completed in September and the amount awarded was the amount of the contract $3,768.25.

In October last, another contract was entered for the construction of a movable freight shed on the basis of actual cost plus 10 per cent. The work was completed in the following month.

ST. MICHEL.

In order to allow the coasting steamer to stop at St. Michel and to open the way to traffic, a temporary landing was constructed on a length of 850 feet.

The landing consisted in vertical posts placed every 12 feet, supporting the stringers and the flooring, 12 feet wide. The outer head of the wharf was covered with a temporary flooring upon its whole surface.

The work was done in the month of June.

During the very serious storm that occurred in the month of November, 1918, the superstructure of the wharf was carried away on a length of 843·5 feet by a mean height of 7 feet.

As it was expedient that the reconstruction be carried on with the least possible delay, a contract was entered into on July 28, 1919, on a unit price basis, for an approximate sum of $32,422.56.

The contractor started work by the beginning of August and the cribwork was torn down on a length of about 400 feet.

On November 30, the timber work was closed but the contractor continued to carry stone ballast to fill in the cribwork built, but which was not entirely filled at the close of the fiscal year.

The work will be continued next spring and it is expected that it will be completed by July 15.

The construction is a close-face stone-ballasted crib-work with four rows of vertical posts, distant 20 feet, to bind the new with the old work.

THREE RIVERS SHIPYARD, TROIS-RIVIÈRES.

The Three Rivers Shipyard Company's plant is situated in the harbour limits of Trois-Rivières, above the new coal dock.

Dredging was executed by departmental dredges *Quinlan & Robertson No. 1* and *P.W.D. No 123.*

The work consisted in the dredging of a basin in front of the shipyard plant, having a total area of 191,545 feet, to the depth of 17 feet and 12 feet below low water, the average depth of face removed being 8.04 feet. The total quantity of material removed in this basin was 60,094 cubic yards, scow measurement, of fine alluvial sand.

Dredging operations were commenced on August 1 and discontinued on October 4, 1919.

VERCHÈRES.

In April last a contract was entered into for the reconstruction from low water level of the Canada Steamship Lines' wharf, bought from the company in August, 1918, for the sum of $2,000.

This wharf as rebuilt consists of:—

(*a*) A stone filled crib headblock 60·2 feet long, including the icebreaker 32·7 by 10 feet, 32.7 feet wide for a length of 23.2 feet and 56.5 feet wide for the remaining length, standing 9 feet 9 inches high above the low water level. The crib structure below the low water level being in bad condition, the new structure was started in some places 12 inches, in others 33 inches below the datum or the low water level.

(*b*) A stone approach 378.5 feet long and 16 wide, with reinforced concrete walls on both sides. These walls are 12 inches thick at top and from 12 to 18 inches thick at the base, resting on a stone foundation 2 feet thick.

In some places, the concrete wall was built on the old crib structure of the approach, this old structure being in very good condition; on the west side, we had to provide a new crib foundation 2 by 5 feet on a length of 194.5 feet, the bottom being too soft.

The work was completed in October for the sum of $10,310.50.

To reinforce the new construction it was proposed during the summer to drive a certain number of piles all around the crib headblock. In November last a contract was entered into on the basis of actual cost plus 10 per cent to drive these piles. Eleven piles were driven on the front face of wharf, four at the upstream end, four at the downstream end; all those piles were perfectly bolted to the crib of the headblock and on the front face of the headblock, two rows of braces were bolted to the crib between the piles to act as fenders. This work was completed in December last for the total cost of $1,073.63.

ONTARIO.

COBOURG.

Work of repair under contract was renewed on April 7, was completed and final estimate given on August 21. The work consisted in the removal of the existing superstructure of Langevin pier for the length of the work, 650 feet and to one foot below datum and the rebuilding in British Columbia fir to six feet three inches above datum.

Work was commenced on repairs to storehouse on December 3, was completed on December 4 and consisted in the reconstruction of the east side of the storehouse and part of roof which had been damaged by fire.

Expenditure for the fiscal year was $15,250.28.

Dredging.

Owing to the action of waves and currents in the vicinity of Cobourg, a bar forms annually at the entrance to the harbour and as the presence of this bar interferes with the car ferries making the port in stormy weather, dredging operations have to be resorted to frequently. In addition to the shoaling at the entrance, it is necessary to keep dredged the section in the inner harbour and lying to the east of the car ferry dock. The limited space in this section of the inner harbour makes it necessary for the boats to have available as much area as possible for turning and manœuvring and the removal of material was confined to these two areas mentioned.

The area dredged over in the inner harbour is 115,636 square feet in extent and consists of an irregular section having a maximum length of 540 feet and a maximum width of 300 feet. This was dredged to a depth of 18 feet below zero or elevation 245, with the exception of eight small areas where rock was encountered and where a maximum draught of only 16.5 feet below zero was obtainable.

The material removed was largely sand and sedimentary deposit; the scow measurement returns for this section indicated the removal of 15,512.91 cubic yards.

The deepening of these two areas at the extreme end of the inner harbour and the outer entrance channel, served to remove the only shoal sections of the navigable channel between the lake and the Car Ferry Company's wharf.

The work above outlined authorized a quantity of 57,000 cubic yards, scow measurement, at the rate of 27 cents per cubic yard, but the action of the elements served to remove the large shoal area at the outer entrance to the harbour and the contractors were satisfied to have the estimated yardage mentioned on their contract correspondingly reduced.

Dredging was commenced August 5 and was suspended October 11, 1919.

CONNAUGHT STATION.

The proposed pilework wharf to be built on the Frederickhouse river consists of an approach of 174 feet long by 20 wide, a landing-head 96 by 32 feet and a freight-shed 16 by 24 feet constructed on a separate pilework substructure. A depth of 6 feet at L.W.L. is provided at landing face, and structure will be built to a height of 5 feet above this level.

All the materials were ordered with a view to construction by day-labour, and a large proportion delivered.

Owing to poor condition of the ice during the winter, it was found impossible to take advantage of same for economic construction, and work was postponed until the summer.

Expenditure during the fiscal year was $1,567.06.

DEPOT HARBOUR.

A contract was awarded at unit prices amounting to approximately $32,845 on October 3 for the reconstruction in concrete of the north and south faces and west end of wharf, the work commencing at westerly end of wharf and extending easterly 525 feet and to consist in the removal of present timber superstructure for a width of 6 feet back from face of work and to a depth of 7.5 feet and the reconstruction of superstructure in concrete

Work was commenced October 21 and is still under way. The amount of work accomplished so far consists in tearing down of superstructure on north side for a length of 525 feet with a width of 9 feet and a depth of 4 feet and on the south side for a length of 525 feet with a width of 9 feet and a depth of 3.5 feet. No new construction work has as yet been placed in position.

Expenditure for fiscal year was $3,117.14.

FORT WILLIAM.

Extent of harbour:—

13.02 miles of navigable channels, varying in depth from 19.4 feet to 28.0 feet and in width from 175 to 600 feet excepting in the channels through bridges and in turning basins.

Total area of present harbour, 811.5 acres, which includes an area of 148.8 acres in the entrance channels in Thunder bay.

Total area removed by dredging, 360.2 acres.

Harbour frontage available for dockage, exclusive of frontage in Thunder bay, 22.45 miles, of which the frontage already built up with wharves and retaining walls is 7.72 miles.

On June 18, 1919, a contract was awarded for the construction of a breakwater consisting of 10 stone filled cribs, of 122.5 feet each in length, on a pile foundation, with a concrete superstructure, the whole of the structure being riprapped on both sides.

Work was commenced July 7, 1919, and carried on until a few days after the close of navigation last fall. Operations will be resumed at the beginning of May so as to be completed on or before September 1, 1920.

This contract also includes the removal of concrete wall and blocks remaining on crib No. 107, and the raising of this crib in timber to the required elevation and the placing thereon of the concrete superstructure.

So far, under this contract, the contractors have driven all the piling, viz.—1,525 piles, but these could not be cut off to proper elevation last fall on account of the unusually cold weather setting in earlier than anticipated. A crib trench 1,275 feet long, 25 feet wide at 28½ feet below L.W.L., was also dredged and filled with gravel and sand previous to driving the piles.

Three hundred and fifty concrete blocks were made in September and October.

Eight cribs out of ten, were partly built last fall; these cribs are now in the water and can be completed more rapidly than they can be sunk in place and filled.

Dredging.

On August 27, 1919, authority was received for the continuation of the work of dredging in the Kaministikwia and Mission rivers, in Fort William harbour, under departmental contract with the Great Lakes Dredging Co., Limited, of Port Arthur, Ont.

The total estimated quantity authorized for removal during the season was 180,994 cubic yards, scow measure, class "B" material.

Synopsis of quantities removed by dredging under above contract, with the respective locations of areas dredged:—

West Fort turning basin	36,294	c.y.s.m.	deepening.
In front of Plymouth Cordage Co.'s dock	3,398	" "	"
Kaministikwia river entrance	9,625	" "	"
Turning basin at junction of Kaministikwia and Mission rivers	6,336	" "	"
	94,191	" "	widening.
Total	149,844	c.y.s.m.	—Class "B" material.

All dredging was performed by dredge *No. 6.*

A derrick scow was also used and a diver employed for a short time, in connection with the removal of a few rock points which projected above grade in the Mission river opposite the Fort William Coal Dock Company's hard coal sheds, and 57 cubic yards of class "A" material removed.

Dredging operations were commenced September 9, and were closed for the season November 15, 1919.

All dredging was to a depth of 25 feet below low water level; material removed was mostly sand and clay excepting in the Mission river.

The following unit prices obtained in the above contract, viz:—

Widening.—Rock, $2.40 per cubic yard, scow measure. All other materials, 10½ cents per cubic yard, scow measure.

Deepening.—Rock $2.85 per cubic yard, scow measure. All other materials, 22½ cents per cubic yard.

Extra Haul.—1 cent per cubic yard, scow measure, per mile, over 3½ miles.

The total expenditure for 1919-20 was $26,587.45.

GODERICH.

Work of repair by day labour was commenced June 17, was completed March 15, and consisted in the construction of a concrete face wall back of present timber face work, so constructed to hold crib filling and act as face of work when existing timber work has decayed. This concrete face work is 1.5 feet in width on top and 2 feet in width on the bottom and is 6.0 feet in height and is anchored back every 10 feet to concrete blocks 1.5 by 2.0 feet placed 12 feet back from face line. The total length of work constructed was 570 lineal feet, made up of two sections as follows: (1) 375 feet extending westerly from section built in 1918, and (2) 195 feet extending easterly from the 250-foot section built in 1918.

Expenditure for fiscal year was $2,376.74.

JEANNETTE'S CREEK.

The work done was to provide sufficient water for present boats.

The length of work dredged was 2,503 feet; bottom width, 25 feet; general depth, 5·7 feet below L.W.L.; minimum depth, 5 feet below L.W.L.. Elevation of L.W.L. or zero of the gauge 573·9 feet above M.T.N.Y.

The whole work was completed. The materials removed were marsh mud and clay. The work was performed under contract between September 3 and 16 last, the quantity dredged being 10,432 cubic yards, place measurement, at 20 cents per cubic yard, $2,086.40. All material was overcast.

KINCARDINE.

Dredging.

Shoal areas having developed in the entrance to the harbour, between the channel piers and in the inner basin, it was decided to undertake dredging operations in order to provide a clear channel of 14 feet draught below zero of gauge or elevation 580 above mean sea-level New York.

Between the piers a 50-foot channel approximately 940 feet in length was provided, while in the inner basin an irregular area 350 feet long varying in width from 50 feet to 200 feet was dredged over. The total area comprised 97,306 square feet and the material removed consisted of sand, river deposit and some stumps and débris that was carried down by the spring freshet in the river.

The total quantity dredged was 16,220·9 cubic yards, place measurement, the scow measurement quantity being 17,898 cubic yards, giving an expansion factor of 10·3 per cent.

The entire improvement was carried out by contract at 60 cents per cubic yard, scow measurement. Work was commenced with the dredge *Kingsford* August 18 and completed September 17, 1919.

POINT EDWARD.

Under date of February 24, 1919, an agreement was made with the Chick Contracting Company, Limited, of Windsor, Ont., in which this company undertook to maintain a depth of 21 feet of water opposite the wharves at Point Edward, and all other areas where shoals form in Canadian waters in that part of the St. Clair river extending from a point at the Grand Trunk tunnel, Sarnia, to a point opposite the north side of Michigan avenue, Point Edward; and this company in return was given permission to utilize the materials dredged over the whole of said area for their own purpose, subject to a condition imposed upon them to furnish sand and gravel required for public purposes by municipalities, the local Government of Ontario and citizens for public purposes at certain points named in the agreement.

In addition, the Chick Contracting Company were authorized under their license No. 53 with the province of Ontario to dredge sand and gravel in the above-mentioned area, and the total quantity removed by them under the provincial and Dominion permits from above the tunnel was 129,080 cubic yards, of which 8,470 cubic yards was delivered for public purposes to points named in the agreement. The quantity delivered for private purposes in Canada by this company was 17,285 cubic yards, while the quantity exported was 103,325 cubic yards.

Provincial licenses were also issued to the Cadwell Dredging Company, Windsor, Ont.; the Michigan Builders' Supply Company, Detroit; and the Superior Sand and Gravel Company, Detroit, the first-named company being required to deliver materials for public purposes, as required in the Chick Contracting Company permits. The total quantities removed from above the tunnel by these companies during the past season were as follows:—

Cadwell Dredging Company—39,941 cubic yards, of which 2,501 cubic yards were delivered for public purposes.

Michigan Builders' Supply Company—1,899 cubic yards, all exported.

Superior Sand and Gravel Company—2,400 cubic yards, all exported.

An additional license for dredging between the tunnel at Sarnia and Stag island was granted to the United Fuel and Supply Company of Detroit, who removed 146,035 cubic yards, of which quantity 17,940 cubic yards were delivered to Canadian points and 128,095 were exported to United States points.

A quantity of 21,200 cubic yards was dredged by the Cadwell Dredging Company from the area below the tunnel and delivered to Canadian points.

In addition to the quantity of 8,470 cubic yards delivered by the Chick Contracting Company, Limited, for public purposes on orders from municipalities, townships, etc., a further quantity of 12,409 cubic yards was removed from the area below the tunnel as forming part of the quantity removed by the United Fuel and Supply Company, which was likewise delivered for public purposes under the former company's agreement with this department.

Dredging operations commenced on April 9 and were closed down for the season on December 15 last.

PORT ARTHUR.

Repairs to temporary pile protection breakwaters.

(This work is described in the annual report 1917-18.)

In December, 1918, 350 lineal feet on the south end of the north section of this work was destroyed by storms. Contract dated July 3, 1918, was let for the repairing and replacing of this damaged section. The time set for completion was July 20, 1919, which was afterwards extended for one month. Work was commenced July 7 and completed September 3, 1919, 259 lineal feet at the south end being renewed. At the same time, the extreme north end of the south section was strengthened by cluster piles.

A very severe storm in the early part of November, 1919, practically destroyed 75 feet of the section recently renewed, and damaged considerably a further 165 feet. This occurrence was reported with recommendation that no further efforts to repair be made as the foundation in this particular place is not adapted to that type of construction.

Total expenditure for fiscal year 1919-20 is $46,469.11.

BARE POINT.

A contract dated July 26, 1919, for the construction of an extension to the breakwater at Bare Point was let, and calls for the construction of 1,600 lineal feet of rubble mound breakwater very similar to the section already built, and involves the placing of approximately 475,000 tons of rock at a unit price of $1.44 per ton for stone as specified.

Actual construction work was carried out by means of scows, etc., until December 9, 1919, when this work had to be discontinued on account of weather conditions. During this period, a quantity of 21,127 tons of rock were placed in the breakwater.

During December, 1919, and January, 1920, work was continued at the quarry, blasting rock in preparation for further work.

During January, 1920, a track was laid on the ice from the quarry to the end of the old Bare Point breakwater and a trestle driven so that work could be continued through the winter season. The average haul from the quarry to the work was approximately seven-eighths of a mile.

On January 27 actual construction work was resumed and carried on until March 26, when weather conditions again compelled it to be discontinued. During this period 48,182 tons of rock were placed.

Total expenditure for fiscal year 1919-20 is $116,096.21.

Dredging.

Contract with W. E. Phin, dated July 12, 1913, was further extended and the following work done.

(*a*) *Basin Entrance* in front of Richardson, Saskatchewan, Co-operative and Grain Growers' Elevators.

This entrance, commenced in 1916, and comprising a rectangular area approximately 1,100 by 1,300 feet was completed to a depth of 25 feet. This basin extends from 200 feet east of the harbour line to the 25-foot contour. Quantity removed, 162,134 c.y.s.m., sand and clay, Class "B."

(*b*) *Slip at Richardson Elevator.*—This slip, commenced in 1917, was completed, Length 1,300 feet, width 150 feet, depth 25 feet for east 600 feet and 22 feet for remainder.

Quantity removed—13,305½ c.y.s.m., sand and clay, Class "B."
2,338½ c.y.s.m., solid rock, Class "A."

(*c*) *King's Channel.*—A section 1,400 feet long and 120 feet wide was removed from the east side of King's channel, commencing at the south end. Depth made, 25 feet, Quantity removed, 91,197 c.y.s.m., sand and clay, Class "B."

(*d*) *Canadian National Railway Elevator-Slip "A."*—An area at the inner end of the slip 410 feet long and 100 feet wide was redredged. A governing depth from 21 feet at the inner end to 25 feet at the outer end was left. Material removed, 7,320 c.y.s.m., Class "B."

(*e*) *Canadian National Railway Elevator-Slip "B."*—The inner end of the slip was extended for a length of 150 feet. Depth made, 15 feet. Width, 60 feet. Quantity removed: 4,988 c.y.s.m., clay and sand, Class "B," and 1,751 c.y.s.m., same material, castover.

This work was done to provide facilities for barges bringing in material for the reconstruction of the elevator which had been damaged by fire and was recommended as it would form part of a slip extension necessitated by the new work.

(*f*) *Thunder Bay Elevator-Slip.*—This slip, 1,250 feet long and 150 feet wide, was redredged, leaving a governing depth of 21 feet instead of 17 feet as formerly. Material, loose flowing sand. Quantity removed, 34,136 c.y.s.m. Summary:—

Quantity removed—Class "A"	2,338½	c.y.s.m.
Class "B"	313,080½	c.y.s.m.
Castover	1,751	c.y.
Total	317,170	c.y.

All the above dredging was in the interests of navigation generally.

All depths referred to zero of Public Works, Canada, gauge—601·80 M.S.L.

Unit prices—Class "A"—$2.00 per c.y.s.m.

Class "B."— 0.13 per c.y.s.m.

One dredge, the *Excelsior* was employed, commencing May 1 and laying up for the season on November 26, 1919.

Total expenditure for the fiscal year 1920 is $46,469.11.

PORT BURWELL.

Repairs were made to the southeastern corner of the west pier.

The top course of face-timber, about 52 lineal feet on the south end of the west pier, was renewed; 50 to 60 pieces decking 3 by 10-inch by 16 feet replaced, and the southeastern corner sheeted for a length of 16 feet with 4-inch plank 8 feet long. The sheeting was secured with two iron straps 72 by 3 inches.

No work was done on repairing the wall between the west pier and the breakwater.

Expenditure for fiscal year 1919-20:—

Contract, F. E. Tifft (to complete)	$1,696 48
Day labour	2,313 08
Total expenditure	$4,009 56

Dredging was performed in the outer entrance to the harbour, east of the breakwater, between the entrance piers, in the turning basin at the ferry slip the work was performed between April 14 and June 21 by departmental dredge *No. 117.* The dredging was done to a depth of 21 to 22 feet below the zero of the gauge, which is at elevation 571.80 above M.T.N.Y. The quantity of materials removed was 79.128 cubic yards, scow measure, of silt, clay and sand.

PORT COLBORNE.

Work was commenced under contract August 1, closed down for the season November 17, and consisted in completing repairs to centre break in eastern breakwater and almost all of the 690 foot break in the west breakwater was completed. Owing to ice conditions, contractors have been unable to resume work up to the end of fiscal year.

Expenditure for fiscal year was $25,227.

RIVER THAMES.

Snags were removed from the bed of the river between Third and Fifth avenue bridges at Chatham, and at some 23 points above Chatham, also between Chatham and the river mouth.

The work performed consisted in the removal of about 152 pieces of snags and obstructions between the bridges at Chatham and 162 pieces in the section of the river above Chatham.

The work of removing snags between Chatham and the mouth was performed by day labour, and it is estimated that about 700 pieces of snags and other obstructions were removed from the river.

Wharfs.

The two wharfs at the mouth of the river were repaired at a cost of $827.07.

SAULT STE. MARIE.

Dredging.

The object of this work was to clean all loose rock and boulders to a depth of 21.5 feet below a datum level of 582.37 feet above mean sea level over an area which extends from the international boundary northerly to a line following the outer ends of the wharves, from the westerly side of the Algoma Central Railway Company's coal wharf easterly to the Government wharf, thence easterly in line with the face of the Government wharf to a point opposite Woodward avenue, thence southeasterly to the west end of the Bay Field Shoal rock pile. This area is approximately 6,600 feet long by an average width of 750 feet, including that portion of the ship channel which is under the jurisdiction of the Railways and Canals Department, but which also was covered by the sweeping. One boulder was removed from within the ship channel opposite the New Ontario dock.

Five spots still remain above grade. When these spots were located and three of them found to be ledge rock and all of them approximately in line near the line of the wharves and parallel thereto, they were passed over for the time being, as it was considered a wiser policy to make sure of cleaning the outlying area. These spots are only six inches above grade and are a much less danger to navigation than a great majority of the obstructions removed.

The material removed and scowed away consisted of 963 cubic yards, scow measurement, of loose rock and boulders, but this quantity in itself is not indicative of the labour involved. For the performance of this work a contract for hire of plant was entered into, dated August 15, 1919, with the Soo Dredging and Construction Company, Limited, at the rate of $125 per day, of ten hours for full time, but including conditions for deductions in case of lost time, due to stress of weather or breakages.

The operations covered a period of ninety-seven days, from July 29 to November 21, 1919, for which the contractor was paid the sum of $11,775.

TORONTO.

Work was commenced on repairs to the Government wharf and boat-house which had been damaged by fire, October 1, was completed on October 20, and consisted in the reconstruction of the damaged sections of buildings at the eastern channel.

Plans were prepared and a contract was awarded for the reconstruction in concrete of 400 lineal feet of the east pier at the eastern channel.

Work was commenced September 2, was closed down for the season December 17, and up to the end of the fiscal year had not been resumed. Up to date, most of the contract work has been completed. The work consisted in the tearing down of the old timber superstructure to a point one foot below zero level of lake, for a length of 400 lineal feet and a width of 2 feet and the rebuilding of this section of superstructure in concrete.

Work was commenced on repairs to life chains October 21, was completed November 18, and consisted in refastening the life chains which had become detached.

Expenditure for fiscal year was $24,622.27.

Western Entrance.

Dredging.—The harbour has two entrances to the lake; one at the east end of the harbour and the other at the west end. These two entrances accommodate all the water-borne traffic in and out of Toronto and while the Eastern entrance is the one most used, the Western entrance carries a great deal of traffic on account of its affording a shorter route between Toronto and Hamilton, in addition to other points on lake Ontario lying west of Toronto.

The western channel was constructed in 1912 with a governing depth of 18 feet below elevation 245·0 or zero of Toronto Harbour Commissioner's gauge, It is 400 feet wide by 2,400 feet in length and has not been dredged since it was built until the present year. Shoaling occurred in the channel proper as well as in the lake approach thereto and it was with the object of making this entrance safe and navigable that work was undertaken during the season 1919-20.

A total area of 283,600 square feet was dredged over, commencing at the eastern end of the channel opposite the end of the piers and at a point measured 190 feet south from the north side of the channel. The dredge cuts were excavated parallel to the piers and worked westerly and southerly towards the lake.

The first 1,130 feet was dredged to a width of 160 feet; the next 400 feet was dredged to a width of 80 feet and the remainder or a length of 1,370 feet was taken out to a width of 40 feet, the entire area being carried to a depth of 18 feet below elevation 245.0 or zero of Toronto Harbour Commissioner's gauge.

The total quantity of material removed was 26,252 cubic yards, place measurement, while the scow measurement was 31,110 cubic yards.

The departmental dredge *No. 117* was employed from October 18 until November 25, 1919.

Eastern Entrance.

Dredging.—At the lake entrance a bell-mouthed section was dredged over, extending in a southerly direction from the ends of the piers. This section is 720 feet in length varying in width from 200 feet at the pier ends to 420 feet at the outside and was taken down to a depth of 22 feet below zero of gauge or elevation 245.0 above mean sea-level, New York. The total material involved was 46,053·4 cubic yards, place measurement.

Between the piers a channel 200 feet in width and 2,130 feet in length was dredged in a northerly direction from the south end of the piers, the channel being located in the centre of the 400 feet waterway forming the entrance to the harbour. This section was taken down to a depth of 18 feet below zero of gauge and the total material removed was 41,902·4 cubic yards, place measurement. The material removed consisted of fine lake sand with a slight trace of clay.

Scow measurement quantities show that 113,340 cubic yards of material was removed, which when compared with the results by cross-sectioning gives an expansion factor of 29.08 per cent.

MANITOBA.

GIMLI.

The object of the work was the maintaining of the approach to and berth beside the departmental wharf and the providing of a turning basin at the inner end of the wharf.

The work accomplished is of an irregular shape, but has an era of 191,690 square feet, and the average depth of face removed was 5.3 feet.

The material removed consisted of clay, boulders and sand, and amounted to 17,863 cubic yards, scow measurement.

P.W.D. dredge *No. 205* was employed from May 29 to July 24, or a possible time of 485 hours.

The cost of the work was $4,536.93, giving a cost per cubic foot of 25.4 cents.

GOOSE RIVER AND RAT CREEK.

Owing to the opening up of the new mineral belt in northern Manitoba and Saskatchewan, hundreds of prospectors, mining men, engineers, etc., are using the route from The Pas, which is the national outlet for that country, the Saskatchewan river and a chain of lakes which connect the above river with the country which is now developing into a most important mining centre. Two of these lakes are separated by Goose and Rat rivers which are small, shallow and rapid.

Goose river flows from Goose lake into the Sturgeon river about three miles from its mouth. The river is 12 miles in length, broken by numerous rapids with large boulders in the channel. Rat river flows from Lake Athapauskow into Goose lake. The river is six miles in length and is almost all rapid.

Work of improvement was begun August 12 and closed September 30. In all, twelve rapids and intervening reaches of the river were cleared of rock, boulders and shallows, by blasting and hand work.

Expenditure for the fiscal year was $3,842.48.

LE PAS.

A contract for the construction of a wharf at The Pas, Nelson county, dated November 1, 1919, was awarded for the sum of $7,511.15. Owing to the late date at which the contract was awarded and the early arrival of winter, no work could be done. The date of completion of the work was April 20, 1920 but was extended to July 20, on application by the contractors.

During the winter, round tamarac piling and tongued and grooved sheet piling were assembled by the contractors at the site of the work.

LITTLE PEMBINE RIVER.

Diversion into Pelican Lake.

This work was designed to raise Pelican lake to a higher level for the benefit of the Government sanitorium at Ninette, as the water in the lake was becoming stagnant. The work to be done consisted of a canal approximately 4,700 feet long to divert a part of the water from the Pembine river into Pelican lake, with a stop log dam at the river and two pile bridges at road allowances.

The contract was let June 23, 1919, and the contractors had most of the equipment on the ground by July 21. Excavation was done with a Bucyrus drag line. Excavation work was commenced July 22 and finished September 25, 1919. No difficulty was experienced in moving the material as it consisted mostly of a sandy loam with a loose shale and sand as a subsoil. The average amount taken out of the cut and placed on the embankment was about 600 cubic yards per day of ten hours. The width of the canal in the bottom was 12 feet with a finished slope of 1½ to 1, and the depth varied from two feet at the lake to a gradually increasing depth of 12 feet at the river.

Pile driving at the dam was commenced August 8 and the whole work completed with stop log machinery in place on October 18, 1919.

Extra work was ordered in widening the two pile bridges from 12 feet to 20 feet. This work was carried on under very severe weather conditions and was completed in the month of December.

The expenditure on this work was $20,489.95.

RED RIVER—CLOSING CHANNEL.

Netley Cut.

Netley Cut was dredged from the Red river into Netley lake. A heavy current set up in this channel resulting in the formation of a bar in the Red river detrimental to navigation in that river. The current also thinned the ice of the Red river at a point which formed part of a winter road. The first winter after the completion of the cut, two people were drowned when their horses and sleighs went through the ice.

It was deemed advisable to close this cut. The method pursued was that of building a sheet pile wall across the cut and dumping earth on both sides of the wall by means of a dredge.

As the narowing up of the channel proceeded, the work became difficult owing to the excessive current set up. The channel was, however, closed at an expenditure of $853.

The entire work was done with P.W.D. dredge *No. 201,* which dredge is equipped with a pile driver.

New Channel.

The new channel at the mouth of the Red river is an artificial channel having a protection work on each side, of sheet piling. The spring flood in the Red river running through this channel is checked in reaching the still water of lake Winnipeg, and deposits a large amount of silt. This silt has to be removed to permit navigation.

The dimensions of the work were 2,955 feet by 130 feet with an average cut of 2·9 feet. The cut commences at the outer end of the protection work and extends therefrom out into lake Winnipeg.

The material removed, consisting of river silt, amounted to 41,466 cubic yards and was all cast over.

P.W.D. dredge *No. 201* was employed from June 6 to August 16 and from September 15 to September 29, or a possible dredging time of 745½ hours.

The cost of the work was $11,950.94, giving a cost per cubic yard of 28·2 cents.

SELKIRK SLOUGH.

The object of this work was to deepen the entrance to and the harbour within the Selkirk slough.

The total length of all the cuts was 3,512 feet by 40 feet wide, with an average cut of 4·7 feet. The work is divided between two places, one at the entrance of the slough and the other at the departmental shipyard. The portion of the slough between these two points also requires dredging and it is anticipated that this will be completed during the season of 1920.

The material removed, consisting of soft mud, amounted to 24,878 cubic yards, scow measurement.

The cost of the work was $5,850.51, giving a cost per cubic yard of 23·5 cents.

P.W.D. dredge *No. 205* was employed from July 25 to August 20 and from September 3 to September 30, giving a possible time of 477 hours.

Wharf.

The object of this work was to deepen the berth beside the south end of the Selkirk wharf.

The dimensions of the work were 450 feet long by 40 feet wide, with an average cut of 2·8 feet.

The material removed, consisting of soft mud and clay, amounted to 3,749 cubic yards, scow measurement.

P.W.D. dredge No. *205* was employed from August 21 to September 2, or a possible time of 103 hours.

The cost of this work was $1,128.18 giving a cost per cubic yard of 30·0 cents.

WINNIPEGOSIS.

The object of the work was to maintain the channel from the Mossy river out to deep water in lake Winnipegosis.

A small cut of 192 feet by 25 feet, with an average cut of 2·2 feet was dug.

The material removed, consisting of river silt, amounted to 395 cubic yards, scow measurement.

P.W.D. dredge *No. 210* was employed from June 21 to June 30, the date at which the plant was shut down.

The cost of the work was $3,410.99, giving a cost per cubic yard of 863·5 cents.

SASKATCHEWAN.

CUMBERLAND LAKE.

With the discovery and development of the vast mineral deposits in the northern parts of Manitoba and Saskatchewan it was found necessary to secure a means of getting the ore to the terminus of the railway at The Pas. A water route by way of Sturgeon lake, Cumberland lake, the Big Stone and Saskatchewan rivers was possible. It was not available, however, as Cumberland lake, since the advent of the waters of the Saskatchewan at its westerly end had become a settling basin for the silt of this river and the water being shallow no boats could cross the bar at the head of the Big Stone river. It was necessary, therefore, to resort to dredging.

Dredging was commenced in the year 1914 and continued in 1915. A total of 35,096 cubic yards, place measurement, was removed. Owing to the war no further work was done until the summer of 1918, when 27,350 cubic yards was removed. During the past season, additional dredging was done and the channel carried to deep water. This completes the work at this point, in so far as it is economical to do so, and the dredging plant is required on more pressing work.

The work of the past season consisted of redredging 2,080 feet of the channel 25 feet wide and 650 feet 50 feet wide. New dredging consisted of a cut 900 feet long and 50 feet wide. The depth of face removed averaged 3·8 feet. A channel 50 feet wide and 6,750 feet long being now available.

The material dredged, consisting of soft and hard clay and boulders, was all cast over, and amounted to 18,269 cubic yards.

P.W.D. dredge *No. 208* was employed from June 17 to September 24, or a possible dredging time of 940 hours.

The cost of this work was $6,377.48, giving a cost per cubic yard of 34·9 cents.

The channel will gradually fill up, due to the washing down of the spoil banks and the general silting up of Cumberland lake. It was found, however, by a survey, made in January, 1920, that the channel maintains itself, as there is considerable current, the rest of the surrounding lake being frozen to the bottom.

BRITISH COLUMBIA.

ALICE ARM.

During the fiscal year a float was constructed measuring 40 by 20 feet with a float approach 240 feet long by 6 feet wide. The float is held in position by guide piles at the four corners.

Work was built by day labour at a cost of $2,505.25.

Some additional pile bracing is required, which will be done during the coming fiscal year.

BARNSTON ISLAND.

The sum of $589.63 was expended on the construction of an addition to the present wharf, in the form of an inclined slip to enable boats to land supplies at any stage of water. This slip is 40 feet long and 10 wide. Repairs were also made to the approach, several bearing piles being replaced. The work was done by the *Samson* during the period September 24-October 10, 1919.

COAL HARBOUR.

During the fiscal year a float 26 by 70 feet, a shed 12 by 16 feet and an approach 267 by 6 feet were built by day labour. Work was commenced in December, 1919, and was completed in February, 1920, at a cost of $1,755.93. The cost of the work was considerably reduced by the donation of the required logs by the Whalen Pulp and Paper Mills.

COTTONWOOD DAM.

Burton.

To assist in training the water of the Columbia river through the new channel dredged opposite Cottonwood point, and to prevent much flow through the old channel at the low water stage, it was considered advisable to construct a low water dam across the old channel from Cottonwood point to the bar through which the new channel has been established. This dam will also insure sufficient water in the new channel for navigation during the low water season, and will prevent a dividing of the water into two channels, which would cause heavy material in transit down the river to be deposited at and near the point of separation, with a resultant silting up of both channels. It will also serve the purpose of forming a basin of comparatively still water in the old channel below the dam, which will serve as a settling basin in which the material carried down the river and over the dam will deposit, thus blocking the old channel permanently, and assisting in the maintenance of the new channel as well as preventing this material from being carried down and deposited below the junction of the old and new channels.

The dam, as being constructed, is composed of a mat of brush fascines, 14 to 20 feet in length, laid longitudinally with the stream and connected by No. 9 galvanized wire. This mat is held in position on the river bed by heavy rock. Total length of dam when completed to be 430 feet.

Construction was still in progress on March 31, 1920, up to which time a length of 300 feet had been built. The material placed amounted to 300 cubic yards of rock and 500 bundles of brush at a cost of $2,815.41.

COTTONWOOD POINT.

Dredging.

Due to the impossibility of maintaining permanently the old channel at the lower end of the Columbia river narrows in a navigable condition it was considered advisable to create an entirely new and distinct channel from opposite Cottonwood point through a heavy sand and gravel bar to the head of the Lower Arrow lake, and dredge *No. 311* was placed in commission for the work. Dredging operations were commenced November 15, 1919, and were still in progress on March 31, 1920. During this period, 33,476 cubic yards of material were handled chiefly sand and gravel, with a percentage

of small boulders. Of this material 24,376 yards were overcast once and 9,100 yards handled the second time. A channel of 850 feet in length and of an average width of 125 feet, giving a minimum depth of 8 feet of water at low water has been established at a cost of $12,733.89.

EGMONT.

The amount of $1,375.74 was expended on the construceion of a new float 36 by 42 feet of 12 cedar logs, ten 4 by 12-inch cross-ties, and 2 by 12 planking, with 6 by 6 guard rail all round, and shed 12 by 16 feet. This float is held in place by being anchored to a string of boom sticks stretching from shore to shore, where it is fastened with eyebolts to the rocks. Ten boomsticks and twenty-six boom chains were used for this anchorage. The approach is of the same construction, 160 feet long, by 6 feet wide.

This work was done during the period December 4, 1919, to January 22, 1920.

ESQUIMALT NAVAL DOCKYARD.

Reconstruction.

The old dockyard wharf being beyond repair, plans and specifications were prepared for a much larger wharf extended to give a depth of 33 feet at low water at its face. A concrete pile structure was decided on and the contract for the work was placed at unit prices. Construction was commenced during April 1919, and the work was completed in November. The completed work consists of an irregular shaped wharf having a frontage of 204 feet 8 inches, approach 190 by 32 feet, warehouse 71 by 35 feet 2 inches, new deposit shed 34 feet 6 inches by 24 feet 8 inches, the removal and reconstruction of open shed from old wharf, float 63 by 9 feet, with gangway 38 by 4, also two dolphins in the easterly and westerly productions of the face of the wharf.

Amount paid contractors was $52,660.27; inspector's salary $816; and inspection of creosoted piling and lumber $302.16; making a total of $53,778.43.

FRASER RIVER.

Oilery Slough.

The object of this work was to provide a channel of sufficient depth to allow boats to approach and be alongside the Canada Fish Products Company's wharf at all stages of the tide.

The work done consists of a channel 111 feet average width and 790 feet long, running from the deep water along the east shore of the slough towards the north end of the company's wharf. The cut in front of the wharf is 355 feet long and extends to deep water south of the company's wharf, thus making an excellent channel from the main channel on the north to the Ladner channel on the south. The dredging gives a depth of 7 feet at low water, which is 3 feet above Sandheads zero.

The material removed consisted of mud and sand and was pumped along the shore below the wharf. The work was performed during the period March 4 to March 10, 1920, by the dredge *King Edward,* the total quantity removed amounting to 15,140 cubic yards, place measurement, including side slopes and subgrade.

As the dredging removed the bar situated between deep water on the east to deep water on the west shore of the slough, thus giving a clear channel for the flow of water, it is expected that no dredging will be required here for several years. The last dredging done here was during July, 1909, when the *King Edward* removed 3,950 yards.

Removal of Snags in Upper River.

This work was started on May 1, and closed down on July 31. This period covered the time that the Fraser river was in flood, but the crest of the flood was one foot lower than the average of the floods for the last 26 years.

The principal work was done between Chilliwack and Popcum, and 2,181 snags and trees were cut up and removed from the channel by allowing them to float away, and being in small lengths are not liable to catch up and form jams. Some of these snags were cut up in the existing jams, and when loosened with powder floated away. The work done in some of the log jams was not apparent this year, as the water was rather lower than usual, and did not float the snags away, but should a higher water occur this year they will probably go out.

The expenditure was $3.214.92.

Fraser Mills.

The object of this work was to provide sufficient depth of water alongside the loading wharf of the Canadian Western Lumber Company's wharf to allow the berthing of large vessels loading lumber.

The dredging consists of two cuts, 460 feet and 440 feet long, to a depth of 30 feet and 25 at L. W., respectively, with a width of 150 feet, immediately in front of the loading wharf on the north side of the deep channel on that side of the river.

The material was gravel, silt and clay, with much refuse in the form of steel cables, etc., which caused constant delays clearing the cutter. This material was deposited on shore behind the wharf.

The total quantity dredged was 23,176 cubic yards, place measurement, allowing for side slopes of 2 in 1 and subgrade.

The dredging was performed by the dredge *King Edward* during the periods April 3 to 17, and June 4 to 14, 1919.

North Arm.

This section extends from Marpole to New Westminster. The intention is to obtain a channel 150 feet wide, and 10 deep at low water. The work below Marpole is being done by contract with the Pacific Constructioon Company, and is described under another heading.

The work here described is being done by the departmental dredge *King Edward* and consists of a channel through the shoal parts of the river 150 feet wide and 10 deep. The total length of this channel will be about 25,000 feet or 4·7 miles. The dredge *King Edward* commenced work March 9, 1920, on Cut No. 1, towards the west end of Twigs island, working west and continued operations until March 21, when a total yardage of 41,494, place measurement, had been removed. This work covered a channel 970 feet long, 150 wide, to 10 feet at low water. The materials consisted of sand and silt, and were pumped on the west end of Twigs island.

This work is being continued by the *King Edward* during the fiscal year 1920-21.

North Arm.

This dredging forms part of a scheme to obtain, from the gulf of Georgia to New Westminster, a channel of sufficient depth to allow of its use at all stages of the tide by tugs towing logs. Formerly, tugs were able to run only during the higher stages of the tide, tying up alongside the banks during low water, and thus causing great delays in the delivery of logs to the mills.

The section under this heading includes the dredging of a channel 150 feet wide, with a length of 18,000 feet or 3·4 miles, extending from deep water at Marpole to Mile 15 from New Westminster, where it meets the 300 foot wide channel dredged along the North Arm jetty completed in December, 1916. The depth is 10 feet at low water.

The contract was let to the Pacific Construction Company and work was commenced September 4, 1919, by the suction dredge *Robson* while the suction dredge

Portland started somewhat later. The total amount of the contract was $145,000 involving the removal of some 950,000 cubic yards, the unit price being 15½ cents per cubic yard. Dredging was continued until March 8, when the authorized expenditure was reached and 940,777 cubic yards had been removed at a cost of $145,820.44. This includes side slopes of 3·1 and subgrade of 1 foot.

It was found that some 2,000 feet of the old 300-foot channel had filled in, and it was necessary to have this removed to complete the channel through to the 10-foot contour. Authorization to carry on this dredging was given under the same contract, involving 200,000 cubic yards, at the same unit price, and work was commenced April 9 by the suction dredge *Portland* and will be continued to completion during the fiscal year 1920-21.

The material removed consists of sand and silt, and has been deposited on the shore at various points where permits had been secured from the owners of the properties.

Sandheads.

The object of this dredging is to maintain a sufficient depth of water through these places on the Sandheads which from time to time become shoal. No dimensions can be given for this work, as the dredging covers the channel from Steveston to the gulf of Georgia, a distance of 5½ miles. The different cuts were made along definite and predetermined lines, following as far as possible the deepest part of the channel, and paralleling the existing and proposed jetty line.

The materials removed consist of silt, sand and clay, and is dumped from the hoppers of the dredge in the deep water of the gulf of Georgia. The work is being done by the departmental dredge *303,* which has worked during the periods: April 21 to July 15, 1919; August 11-October 18, 1919; October 27-November 15, 1919; February 9-March 31, 1920, and removed a total of 570,964 cubic yards, hopper measurement. The following table shows the location of this dredging, and the quantity for each location:—

Location	Quantity.	Location.	Quantity.
Buoys 1-3	109,970 cubic yards.	Buoys 9-11	94,339 cubic yards.
Buoy 3	13,934 " "	" 10-12	6,967 " "
Buoys 3- 5	18,044 " "	" 13-15	15,087 " "
" 5- 7	74,569 " "	" 15-16	51,740 " "
" 7- 9	90,848 " "	" 15-17	18,807 " "
" 7-10	49,598 " "	Buoy 16	7,053 " "
Buoy 10	18,096 " "	" 22	792 " "
			569,844 cubic yards.
		Balance removed at William's Head	1,120 " "
		Total	570,964 cubic yards.

During the period 1910-11, 1918-19, there has been removed from the Sandheads a total of 6,133,515 cubic yards. The work done during this fiscal year has assisted in maintaining a minimum depth of 14 feet at low water, or 26 feet on a 12-foot tide throughout the channel, and the work is still being continued.

Steveston Canneries.

This work became necessary this year, to provide a sufficient depth of water to allow small freighters, tugs, etc., to berth alongside the wharves of operating canneries at Steveston during any stage of the tide.

The total length of the cut was 2,400 feet; width 150 and depth 7 feet, giving 8 feet of water at low water. This involved the removal of 93,243 cubic yards, place measurement, including 1 foot subgrade and side slopes of 2 to 1, the material con-

sisting of sand and silt. The dredging extended in front of the wharves of the Pacific Coast Cannery, Great West Cannery, B.C. Pressed Brick Company, Colonial Cannery, and the Richmond Cannery, being that part of the channel not dredged last year when 56,000 cubic yards were removed in front of the Imperial Cannery, Phœnix Cannery and Dominion Products Company's wharves. The work was done by the departmental dredge *King Edward* during the period June 23-August 19, 1919.

This channel has been dredged repeatedly, but shoaling continues, due to the extension of Steveston bar, and the fact that the channel itself is blind, having no outlet to the east. It is expected that further dredging will be required over this area in about another two years.

Steveston, New Channel.

This work is the continuation of the development of the new channel through Steveston bar, made necessary owing to the shoaling of the old channel known as Woodwards slough.

Work was commenced in May, 1918, by the dredge *King Edward,* and during the fiscal year 1918-19 she removed 545,900 cubic yards of sand and clay from a channel 5,150 feet long, 300 feet wide and to a depth of 16 feet below low water. The dredge *303* also removed 114,700 cubic yards from the westerly entrance to the channel, making a total for the year 1918-19 of 660,600 cubic yards.

The dredge *King Edward* continued on this work during the present fiscal year, and removed a total of 352,299 yards, as shown in the table below.

Location.	Material.	Length.	Width.	Depth.	Quantities.
Main Cut	Sand.	5,700 feet.	300 feet.	5 feet.	316,666 cubic yards, place measure.
"D"	"	3,150 "	75 "	2 "	17,500 " " " "
"C"	"	.....	.....	4 "	18,133 " " " "

The dredges worked on this channel during the periods August 21 to March 3, and March 11 to 15, being held up owing to ice in the river during December 8 to 20.

The dredge *303* was also engaged on work here during the periods July 16 to Auguts 9, November 18 to December 10, and December 22 to January 10, when she removed a total of 139,525 cubic yards of sand, hopper measurement. This amount was removed from the westerly entrance to the channel where shoaling had taken place, due partly to the operations in the cut above. This makes a total of 491,824 cubic yards removed during this fiscal year, and a total of 1,152,424 cubic yards removed from this channel since operations began.

The dredging this year completes, for the present, the work required in this channel, except for the removal of the old submerged dam at its easterly entrance, which dam is to be removed during the fiscal year 1920-21. With the removal of this dam it is believed that the current through the channel will be sufficient to keep it secured to the required depth of 16 feet below low water.

STEVESTON JETTY.

This work consisted of the continuation and completion of the protective work to the jetty at Stevetson, under contract with Messrs. Hodgson & King.

The materials used on this work were as follows:—

4,590 tons rock at $1.75 per ton	$ 8,032 50
2,778 cubic yards mattress at $2.50 per cubic yard	6,945 00
2,250 lineal feet poles at 25 cents per foot	562 50
	$15,540 00

Added to this is the cost of inspection, amounting to $161.

The total materials used in this work during the period of construction, December 20, 1918, to April 30, 1919, were as follows:—

8,710 tons of rock in place at $1.75 per ton..	$15,242 50
12,963 cubic yards mattress in place at $2.50 per cubic yard..	32,407 50
10,500 lineal feet poles in place at 25 cents per lineal foot.. ..	2,625 00
	$50,275 00

The work was completed on April 30, 1919, and has had the effect of preventing further erosion of the bank towards the jetty.

HALF MOON BAY.

Construction of wharf.

This work was done under contract with the Fraser River Pile Driving Company. The wharf is of pile bent and timber construction, creosoted piles being used as bearing and brace piles and fir piles for fenders. The pier head is 40 by 72 feet with a slip 12 by 20 and shed 12 by 18 feet. The approach is 315 feet long and 14 wide. There is a small boat landing consisting of steps from deck level to low water 4 feet wide and 35 feet long. At the outer end of the wharf there is a depth of 16 feet at low water.

This work was completed on November 12, 1919.

The final estimate, showing an amount of $5,821.95 in favour of the contractors is dated November 18, 1919.

HARDY BAY.

A contract for the construction of a float and approach to replace the former wharf was placed on October 24, 1918, but weather conditions made it impossible to do the work during the winter months and the construction was not commenced until May, 1919, and was completed during August, and consisted of a float 64 by 30 feet with shed 18 by 24, gangway 32 feet by 3 feet 8 inches and the approach on piles 162 by 6 feet. The amount of contract was $2,136; extra work authorized was $513.25, making the total expenditure $2,649.25.

HOPE BAY.

The wharf which is at the northeasterly end of the island was recently taken over from the Provincial Government and is a regular calling point for steamers.

A new float was built and a number of piles in the wharf and approach were renewed at a cost of $812.05.

KICKING HORSE RIVER.

The channel of the Kicking Horse river at Golden was obstructed by an accumulation of gravel carried down from the canyon above the town and deposited on the flats on which the town is built. At one point the gravel had formed a bar over six feet in height, the top of which was only one foot below the level of the adjoining banks and during the high water seasons of 1916, 1917, and 1918, the water overflowed these banks and flooded the adjacent portions of the town, and the farming lands in the vicinity to a depth of several feet, doing an enormous amount of damage besides causing great inconvenience. To prevent further flooding during future periods of high water, it was decided to clear out the obstruction in a part of the present channel, just at the point of most severe flooding and bank erosion, thus forming a new channel 150 feet wide, approximately 3,200 feet in length, with an average depth of 6 feet.

Funds for this work were provided by appropriations by the province of British Columbia, and by this department, the work to be done by the Provincial Government in accordance with plans prepared by this department.

The Canadian Pacific Railway Company, which was largely interested in the prevention of future floods, lent a 3½-yard steam shovel which was used in excavation above water, and the excavation below water was done by three steam drag scrapers owned by this department.

The work of excavating was started during November, 1918, and the whole work was completed by June 30, 1919.

This work consisted of:—

The excavation of a channel 150 feet by 3,200 feet with an average depth of 6 feet, entailing the removal of 84,044 cubic yards of material, mostly sand and gravel. Of this amount 54,094 yards were removed by steam shovel at an average cost of 21·99 cents per yard, and 29,950 yards were removed by Berkley scrapers at an average cost of 25.33 cents per yard.

The construction of a pile and sheet pile wall of a length of 580 feet at a cost of $4,660.14.

The construction of a mattress 1,300 feet long with an average width of 27 feet at a total cost of $5,514.49 costing 15·7 cents per square foot.

The total expenditure on this improvement amounted to $39,011.75. Of this amount $7,260.51 was for street repairs rendered necessary by overflow of previous year, compensation paid to owners of property, damage by floods, etc., which are not proper charges against the work in which this department was interested, leaving a balance of $31,751.24 as the total cost of the work proper.

This department's proportion of the expenditure amounted to $12,200, about one-half the cost of the river improvement.

KUPER ISLAND.

The wharf which was recently taken over from the Provincial Government is a regular calling point for steamers. Repairs were made and consisted in the renewal of a number of bearing and fender piles and the renewal of the cedar logs in the float, at a cost of $888.60.

LASQUETI ISLAND.

A new float was installed at Tucker Bay, 20 by 30 feet, of cedar logs with cross-ties and planking, with gangway from wharf 4 by 32 feet, anchored to wharf by boom logs. A new slip was built in the wharf 10 by 26 feet, and six bearing posts replaced under approach.

The work was done during June 24 to August 23.

NANAIMO.

Dredging.

During 1914, the south channel was improved by the removal of gravel and sand, giving a width of 400 to 500 feet between 30-foot contours, and in the same year the Lobnitz rock breaker *No. 2* commenced work, the main improvements in view being the removal of the large area of hard sandstone rock fronting the Western Fuel Company's ballast wharf, known as Nicol rock, and three large areas of similar rock in the North channel, so as to give a minimum width of 400 feet dredged to 30 feet below low water, with the same depth at Nicol rock, the broken rock being removed by periodical visits of one of the departmental dredges. This work was discontinued at the end of the fiscal year 1917-18, owing to war conditions. Blasting in the harbour is not desirable on account of the colliery workings under the harbour bed.

Owing to silting up having taken place, dredging was done at the southerly end of the Fuel Company's loading wharves in order that they might be able to berth the Canadian National Railway Company's car ferry boat *Canora*.

Departmental dredge *No. 303* (Fruhling) worked on 22nd, 23rd and 24th October, 1919, removing 1,944 cubic yards (hopper measurement) of sand and clay, giving the required depth of 17·5 feet below L.W.L.

The average length of the area dredged is 150 feet, with a width of 61 feet and a minimum depth of 17·2 feet below L.W.L. low water datum being 16·4 feet below the summit of the masonry beacon on Beacon rock. Further dredging may be anticipated in about three years.

NARAMATA.

During the fiscal year, a pile bent and timber decked structure was built 182 by 48 feet with a shed 100 by 20 feet.

On November 3, 1919, a contract was let to build the new wharf at a cost of $8,102.90. Work was commenced February 10, 1920, and was still in progress on March 31 when there remained the new shed to be built and the guard rail to be laid.

Expenditure incurred on this wharf up to the end of the fiscal year is estimated to have amounted to $6,368.

NAAS RIVER.

Work done during the year consisted in improving the river by blasting out portions of reefs and boulders from the bed of the stream. At Underleaf, 40 miles up from the tidal waters at the mouth of the river, 3,110 cubic yards of rock was removed. At Hells gate, 42 miles up, several large rocks were removed and small reefs were blasted out to open up a channel which will make navigation at this point easier and safer at all stages of water. Expenditure during the year was $11,122.15.

NEW MASSETT.

A new wharf was built to replace the old wharf which collapsed in 1918. The new wharf is 40 by 80 feet with an approach 410 feet long by 14 wide, all on creosoted pile bents, three piles per bent laid 10 feet centre to centre. The timber superstructure is of 10- by 12-inch caps, 8 by 10 stringers, 3 by 10 joists and 3-inch planking.

There is a freight-shed 14 by 16 feet built on the main wharf.

A float 15 by 25 is built on the inner end of the L with a stairway leading to the approach.

At the outer end of the wharf there is 20 feet of water at low water and 35 at high water.

The work was built by contract at unit prices and cost $13,551.54.

OKANAGAN CENTRE.

On September 26, 1919, a contract was let to build a new wharf at a cost of $6,063.61. Work was commenced December 1, 1919, and completed January 31, 1920.

This work, a pile bent and timber-decked structure, was built 168 by 48 feet with a slope 14 by 48 feet at the easterly end with a shed 12 by 20 feet on the main wharf.

OKANAGAN RIVER IMPROVEMENTS.

Two flexible mattresses constructed of brush and reeds on wire netting, totalling in area about 1,900 square feet, were sunk with rock against the upper side of the two ends of the existing dam, in order to seal as far as possible the leaking foundation. These were completed in the first week in January at a cost of $813.98.

Conditions disclosed by the difference in water level above and below the dam of over 4 feet showed that it would be unwise, considering the importance of the control, to attempt repairs to the old structure and work was accordingly commenced on a new dam immediately below the old one. By the end of the fiscal year, the foundation piling in the river and the west wing were driven and the foundation sills laid and brush and rock filled in between the crib and pier foundation piling. This work was done at a cost of $4,163.02.

PENDER HARBOUR.

Pope's Landing.

This amount of $524.88 was expended in moving the float from Donnellys Landing, in building an approach 6 feet wide and 130 long, and in general repairs. Two eyebolts were put in as anchorage for the seven new boom sticks used to hold float in position. A new apron was built from approach to cribbing ashore. This work was done during July 2 to September 2.

PENDER HARBOUR.

Gonzales Landing.

A new float, 36 by 42 feet, was built at this point, of cedar logs, cross-ties and planking, with boomstick anchorage, also a smaller float of same construction 16 by 40 feet. A new 44-foot gangway was built from trestle approach to float. There are five boomsticks and two 70-foot stiff legs in the anchorage. Two bents of trestle approach were removed and replaced by four new ones, braced. The end of approach was raised one foot. This work was done during January 2 to February 12 (building new float) and March 1 to 31, 1920 (placing floats), at a cost of $1,832.29.

PORT ALBERNI.

The city of Alberni requested additional accommodation for the large number of fishing boats using Port Alberni as their head-quarters, and a float was built 414 by 6 feet parallelling the float constructed by the city at the end of Bird street having a waterway 100 feet wide between. The work was carried out by day labour, was commenced early in March. The existing float at the Government wharf was also repaired.

PORT ESSINGTON.

A new float was built by contract and measures 30 by 30 feet secured by five guide piles at each corner and is reached by a floating approach 334 feet long by approximately 6 feet wide; this approach is secured by anchor chains and a group of guide piles.

The expenditure amounted to $3,750.63.

PORT MOODY.

Construction of Float.

A sum of $633.02 was expended in constructing a new float 12 by 100 feet of cedar logs, cross-ties and planking. Two boomsticks were placed for anchorage and the present gangway from wharf to float repaired.

The work was done during July 28 to August 7, 1919.

VANCOUVER.

False Creek.

To provide berthing accommodation for scows and tugs alongside the Vancouver Gas Company's wharf on False Creek, it was asked that the slip be dredged to 12 feet at low water.

A contract was entered into to remove 12,850 cubic yards of silt, boulders, and hardpan, at a rate of 36½ cents per cubic yard.

Work under this contract was commenced March 11, 1919, and continued up to March 31, when 2,555 cubic yards, place measurement, had been removed. The work was continued in the present fiscal year from April 1 to 5, and from May 7 to 8, during which period a further 1,845 cubic yards were removed at a cost of $673.42.

The total yardage removed was 4,400, place measurement.

The area dredged over is 318 feet long, and a width over the greater part of 117 feet. Dredging was done as far as possible to a depth of 12 feet at low water, but it was found that the only dredge available, that could pass under the Georgia Street viaduct, at this point, was unable to remove to grade the hard material encountered over part of this area. The work, however, has met the requirements of the tugs and scows, and the depth should be maintained for several years.

Burrard Inlet.

This work was asked for by the Wallace Shipyards, to deepen the water in front of their launching ways, and to provide material for filling cribwork ashore.

The general dimensions of the work are: length, 200 feet; width, 150 to 20 feet at low water. The material was clay and boulders, and was pumped ashore as required by the company.

This work was performed by the *King Edward* during the period May 19 to May 22, when 8,400 cubic yards were removed. This dredging was paid for by the Wallace Shipyards at the rate of cost, plus overhead.

WHITEMAN'S.

As it was considered that the construction of a new wharf would be more satisfactory and that the cost would not exceed the allotment granted for repairs, drawings were made for a new pile bent structure 56 feet long by 32 wide on site of the old wharf.

Work was commenced January 20 and completed March 6.

The total expenditure amounted to $2,003.85.

WILLIAMS HEAD.

Work on the water supply system was brought to a successful termination in October. Work was carried out by day labour. An eight-inch Neptune dial and crest meter was installed at the point where the main enters Government property at the quarantine station; this meter has not worked properly since being installed, was found to be defective, and the meter company has agreed to replace the defective part free of cost. Under crossings were made at two creeks, at one of these it was found expedient to build a concrete wall to prevent scouring. Three creeks were crossed by 12-inch steel pipe supported on concrete piers; the pipe was boxed in each case for the complete length of the crossing.

Near Glen lake, the ground being swampy it was found necessary to drive piles and cross by means of a trestle, this was also boxed.

Air, relief and blow-off valves were installed in concrete chambers where required, and gate valves were placed at approximately every half mile.

The roads were left in good repair; at a point on the Happy Valley road it was found necessary to raise the road for about 200 feet in length in order to obtain covering for the main; work was done by the Provincial Government and paid for by this department.

Diversions from the roadway through private property were found necessary in ten cases and rights of way, 20 feet wide, and of varying lengths, were obtained.

At the station grounds, a complete fire system was installed consisting of twenty-nine hydrants and two reels with 1,000 feet of hose and equipment, and it was found that three good two-inch streams can be continuously maintained at a pressure of from 80 to 90 pounds.

Residences and executive buildings were connected to the new system and the pressure reduced to 85 pounds; the existing tank of about 16,000 gallons capacity was connected to the new main and is so arranged that the station can be supplied from the tank at a pressure of 30 pounds should the city supply be temporarily cut off. A connection has been made through the filter between the old 4-inch main and the new 10-inch with the object of providing an emergency supply, but this cannot be used until the old main from the Quarantine lake is overhauled and put in working order.

The pressure at the station is fairly consistent being 150 pounds at the power-house, 140 at office and 145 at the meter-house. On completion of the work, the camp outfit, tools, pipes, etc., were sold by auction, but a sufficient quantity was kept for repairs when found necessary.

The new main to where it enters Government property has been taken over by the city of Victoria and they are responsible for maintenance for a period of five years.

Twenty-nine consumers have been connected to the main along the Happy Valley and Metchosin roads and other applications are being dealt with; a meter is installed for each consumer and all connections are made by the city engineer.

The main wharf is used by ocean-going steamships for quarantine purposes; the dimensions of the wharf are 482 feet 4 inches by 40 feet 3 inches, connected to the shore by three approaches, centre, easterly and westerly ends respectively.

A contract was entered into for extensive repairs and alterations at unit prices; construction was commenced in June and was completed in October, 1919, and the total cost including contract, inspection, etc., was $20,728.48. The above work included the removal of the superstructure and its reconstruction which involved the raising and replacing of the various buildings on the wharf while the work was in progress; all fender piles were renewed with fir piling, also a number of creosoted bearing and brace piles. The chemical tank and tower were removed and a new tank constructed on the hill at the rear of the wharf and connected thereto with a 4-inch pipe. The superstructure of the easterly approach was removed and a Howe truss of 38-foot span was provided, supported by creosoted piles so as to allow of the passage of coal scows; minor repairs to the centre and westerly approaches were made and the boathouse float was renewed. Most of the bearing and brace piles being copper sheathed are in good condition, but where required they were patched with Muntz metal.

Roads.

The road leading to the station, for a distance of about 1·8 miles, is maintained by the department. It was in need of repairs especially on account of the heavy motor traffic in connection with the Chinese coolie camp used in the shipment of Chinese labourers to France and their subsequent repatriation; therefore general repairs including gravel surfacing, ditching, and repairs to culverts were made where required between the angle near the Swanick road and the station fence, and work was done by day labour at a cost of $3,492.14.

DREDGING OPERATIONS.

Contract Dredging and Dredging by Day Labour, 1919-20.

Port Arthur, Ont —

Under contract No. 9490 with W. E. Phin, dredge *Excelsior.*

Quantity removed: 317,170 cubic yards, scow measurement, at 13 cents and 8⅔ cents, class B; clay and sand (including 1,751 cubic yards, castover at 8⅔ cents per yard).

Amount passed for payment, $45,529.11; inspection, $980; total expenditure, $46,509.11.

Work commenced, May 1, 1919; completed, November 26, 1919.

Object of work: Dredging: (1) Basin entrance in front of elevators. (2) Richardson elevator slip. (3) Kings channel. (4) C.N.R. elevator slip "A." (5) C.N.R. elevator slip "B." (6) Thunder Bay elevator slip to depths 15, 21 and 25 feet at low water.

Shag Harbour, N.S.—

Under agreement with T. J. Locke, district engineer, dredge day labour.

Quantity removed: 867 cubic yards, place measurement, at 57·7 cents per cubic yard, class B; soft mud.

Amount passed for payment, $499.91; total expenditure, $499.91.

Work commenced, November 10, 1919; completed, December 6, 1919.

Object of work: Dredging out by day labour about 1,300 feet by 9 feet to a depth of 2 feet to enable fishermen to enter at any stage of the tide.

Welshs Cove, N.B.—

Under agreement with F. G. Goodspeed, district engineer.

Quantity removed: 30 cubic yards, place measurement, at $3.13 per cubic yard, class A; rock.

Amount passed for payment, $94; total expenditure, $94.

Work commenced, June, 1919; completed, June 20, 1919.

Object of work: Removal of small ledge of rock.

False Creek, B.C.—

Under agreement with J. W. Pike, dredge *Beaver No. 2.*

Quantity removed: 4,400 cubic yards, place measurement, at 36½ cents per cubic yard, class B.

Amount passed for payment, $932.58; total expenditure, $932.58.

Work commenced, March 11, 1919; completed, May 10, 1919.

Object of work: To dredge a slip about 318 feet long and 110 feet wide to a grade depth of 12 feet at low water.

St. Charles, N.B.—

Under day labour with Mr. Geoffrey Stead, district engineer.

Quantity removed: 1,723.3 cubic yards, measurement, at about 44 cents per cubic yard, class B; mud and shells.

Amount passed for payment, $767.25; total expenditure, $767.25.

Work commenced, August, 1920; completed, August, 1920.

Object of work: Removal of material shoaled in the channel so as to obtain a depth of 1 foot at low water.

Point Sapin, N.B.—

Under day labour with Mr. G. Stead, district engineer.
Quantity removed: 2,226·7 cubic yards, measurement, at 44·6 cents per cubic yard.
Amount passed for payment, $994.07; total expenditure, $994.07.
Work commenced, June 1, 1919; completed, July 12, 1919.
Object of work: Removal of material in approach to and part of the area inside the breakwater to a depth of 4 feet at low water.

Black River, N.B.—

Under contract No. 12223 with A. Ramsay MacLean, dredge *Black River.*
Quantity removed: 8,500 cubic yards, scow measurement, at 24 cents per cubic yard, class B; mud.
Amount passed for payment, $2,040; inspection, $209.40; total expenditure, $2,249.40.
Work commenced, June 27, 1919; completed, September 23, 1919.
Object of work: To dredge a cut across the flats about 900 feet long by 40 wide to a depth of 3½ feet low water.

Cobourg, Ont.—

Under contract No. 12290 with Ottawa Contractors Ltd., dredge *Ontario.*
Quantity removed: 15,663.91 cubic yards, scow measurement, at 27 cents per cubic yard, class B; sand.
Amount passed for payment, $4,229.25; inspection, $359.56; total expenditure, $4,588.81.
Work commenced, August 2, 1919; completed October 11, 1919.
Object of work: Dredging inner harbour and outer entrance channel to depths of 18 and 20 feet at low water respectively.

Naufrage, P.E.I.—

Under day labour with District Engineer Hyndman.
Amount passed for payment, $1,487.17.
Work commenced, June 17, 1919; completed, September 20, 1919.
Object of work: Removal of material from top of breakwater which was castover by dredge *No. 11.*

Sault Ste. Marie, Ont.—

Under contract No. 12405 for hire of plant with Soo Dredging Co., dredge *Derrick No. 24.*
Quantity removed: 183 cubic yards, class A, 645 cubic yards, class B; rock, boulders, etc
Amount passed for payment, $11,775; total expenditure, $11,775.
Work commenced, July 29, 1919; completed, November 21, 1919.
Object of work: Removal of obstruction in St. Mary's river to a depth of 21.5 feet at low water level.

Sault Ste. Marie, Ont.—

Under day labour with District Engineer W. J. Fuller.
Amount passed for payment, $2,742.70; total expenditure, $2,742.70.
Work commenced, July 15, 1919; completed, November 4, 1919.
Object of work: Removal of obstructions and sweeping channel and harbour.

Kincardine, Ont.

Under contract No. 12342 with C. S. Boone Dredging and Construction Co., dredge *Kingsford.*

Quantity removed: 16,544 cubic yards, scow measurement, at 60 cents per cubic yard, class B; sand.

Amount passed for payment, $9,926.40; inspection, $132; total expenditure, $10,058.40.

Work commenced, August 11, 1919; completed, September 20, 1919.

Object of work: Removal of shoal areas in channel and inner harbour to a depth of 14 feet low water.

Three Rivers, P.Q.—

Under contract No. 12400 with Simpson Brothers Co., Ltd., dredge *St. Pierre.*

Quantity removed: 54,800 cubic yards, scow measurement, at 24 cents and 16 cents per cubic yard, class B; sand and clay.

Amount passed for payment, $12,858.40; inspection, $381.91; total expenditure, $13,240.31.

Work commenced, August 20, 1919; completed, November 30, 1919.

Object of work: Dredging channel and basin in Eastern branch of river St. Maurice, Que., to enable Tidewater Shipbuilding Co. to launch new vessels and float them to the St. Lawrence river.

Fort William, Ont.—

Under contract No. 7339 with Great Lakes Dredging Co., dredge *No 6.*

Quantity removed: 149,901 cubic yards, scow measurement, at 27½ cents, 24½ cents, 10¼ cents, 22½ cents per cubic yard, class B; sand and clay, clay boulders, also 57 yards class A material, rock, at $2.40 a cubic yard.

Amount passed for payment, $27,774.45; inspection, $305; total expenditure, $28,079.45.

Work commenced, September 9, 1919; completed, November 15, 1919.

Object of work: To continue dredging in Kaministikwia and Mission rivers under contract No. 7339.

Jeannettes Creek, Ont.—

Under agreement with Windsor Dredging Co.

Quantity removed: 10,432 cubic yards, place measurement, at 20 cents per cubic yard, class B; mud,sand and clay.

Amount passed for payment, $2,086.40; total expenditure, $2,086.40.

Work commenced, September 3, 1919; completed, September 16, 1919.

Object of work: Dredging cut from Thames river to Jeannettes Creek station to a depth of 5 feet below low water.

West St. John, N.B.—

Under contract No. 12494 with Mr. John A. Gregory, dredge *Beacon Bar.*

Quantity removed: 17215.6 cubic yards, place measurement, at 33 cents per cubic yard, class B; mud, gravel, ashes, coal, etc.

Amount passed for payment, $5,840.15; inspection, $398.13; total expenditure, $6,238.28.

Work commenced, October 27, 1919; completed, December 31, 1919.

Object of work: To maintain the necessary depth in the deep water berths on western side of St. John harbour.

Nicolet, Que.—

Under agreement with F. C. Burns, dredge *Capital.*
Quantity removed: 9,105.5 cubic yards, scow measurement, at 45 cents per cubic yard, class B; sand and clay.
Amount passed for payment, $4,097.48; inspection, $140; total expenditure $4,237.48.
Work commenced, October 23, 1919; completed, November 25, 1919.
Object of work: To clean out shoaled portion of Nicolet river, Que., near its mouth, to a depth of 8 feet at low water.

Fraser River, B.C. (North Arm).—

Under contract No. 12403 with Pacific Construction Co., dredges *Robson* and *Portland.*
Quantity removed: 940,777 cubic yards, place measurement, at 15½ cents per cubic yard, class B; sand and silt.
Amount passed for payment, $145,820.44; inspection, $4,973.56; total expenditure, $150.794; work commenced, September 4, 1919; completed, March 31, 1920.
Object of work: Dredging channel of Fraser river (North Arm) between lots 318 and 314 and to the north of Sea island.

Thames River, Ont.—

Under agreement with H. B. R. Craig, District Engineer.
Quantity removed: 314 snags.
Amount passed for payment, $1,402.44; total expenditure, $1,402.44.
Work commenced, August, 1919; completed, December, 1919.
Object of work: Removal of snags in Thames river, Ont.

N. W. Miramichi River, N.B.—

Under day labour with Mr. Geoffrey Stead, District Engineer.
Quantity removed: 87 obstructions.
Amount passed for payment, $121; total expenditure, $121.
Work commenced, June 28, 1919; completed, August 7, 1919.
Object of work: Removal of snags from N.W. Miramichi river, N.B.

CALENDAR YEAR DEPARTMENTAL DREDGING REPORT, 1919.

MARITIME PROVINCES.

Dredge.	Date.	Locality.	Material.	Quantity cu. yds.	Cost Locality.	Total Cost.	Cost per cu. yd
					$ cts.	$ cts.	$ cts.
"No. 1"	July 14-Aug. 8	Yarmouth, N.S., Bug Light channel.	Sand, rock, bldrs	15,200	11,641 89		0·765
	Aug. 9-Sept. 10	Yarmouth, N.S., John's Cove shoal.	Sand, slate, rock and boulders.	21,100	13,926 36		0·660
	Sept. 11-24	Halifax, N.S., No. 9 Pier	Sand, rock, coal and boulders.	2,639	2,594 47		0·983
	Sept. 25-Dec. 27	St. John, N.B., Winter Port berths.	Mud, ashes and sand	67,182	26,699 18		0·397
	Dec. 29-Dec. 31	St. John, N.B., Inner channel	Gravel, mud	3,432	1,307 88		0·381
				109,553		56,169 78	0·513
"No. 2"	July 22-Aug. 4	Campbellton, N.B., Govt. wharf.	Mud, sand, gravel, sticks, logs, stones	8,000	5,911 30		0·738
	Aug. 21-30						
	Aug. 5-20	Mission Point, Champoux wf. and coal pier.	Sand, sticks, logs, stones, gravel.	8,000	6,397 16		0·799
	Sept. 1-Oct. 3	North Sydney, N.S.	Stones, clay, coal, rock.	3,329	4,777 63		1·435
	Oct. 4-Nov. 4	Ottawa Brook, McKinnon's hbr.	Clay, cement, sand, stones.	6,073	7,611 82		1·253
	Nov. 5-28	New Campbellton, N. S., coal pier.	Clay, sand, rock, sticks, stones and old logs.	9,12 2	5,749 35		0·630
				34,524		30,447 26	0·881
"No. 3"	June 23-July 14	Bathurst, N.B., Ripple Bar	Sand, mud, clay	20,732	6,674 02		0·322
	July 23-30. Nov. 10-15.						
	July 15-22	Bathurst, N.B., Bathurst Lumber Co's. wharf.	Sand, mud, clay	2,798	2,522 91		0·901
	July 28-Nov. 29	Bathurst, N.B., Outer Bar	Sand, mud, clay and gravel.	66,005	22,798 96		0·345
	Sept. 18-Nov. 28	Bathurst, N.B., Seal Bar	Sand, gravel, clay	7,205	3,960 40		0·549
	Oct. 23-27. Nov. 17-22.	Bathurst, N.B., Ballast Bar	Sand, gravel, clay	3,510	2,078 17		0·592
				100,250		38,034 46	0·379
"No. 4"	Aug. 21-23	Pictou Landing, N.S.	Sand and gravel	700	501 62		0·716
	Aug. 25-Nov. 17	New Glasgow, N.S.	Sand, gravel, mud	35,060	17,835 14		0·508
	Nov. 18-19	Trenton, N.S. channel	Mud, gravel, sand, clay, stones.	1,100	557 35		0·506
	Nov. 20-Dec. 3	Trenton, N.S., Cantley Point	Mud	8,634	3,511 30		0·406
				45,494		22,405 41	0·492
"No. 5"	Sept. 24-Nov. 29	Yarmouth, N.S., Amiro's Point.	Hard sand and gravel.	131,763	70,571 17		0·535
						70,571 17	0·535
"No. 7"	Jan. 1-30	Abbott's Harbour, D'Entremonte wharf.	Mud, sand, stone and gravel.	5,787	6,099 59		1·053
	May 5-May 10	Yarmouth, N.S., Amiro's wharf.	Soft mud	1,039	966 07		0·929
	May 12-19	Yarmouth, N.S., Lewis wharf	Mud and rock	2,208	2,351 82		1·065
	May 20-28	Yarmouth, N.S., Gateway fish Co's. wharf.	Clay and mud	1,748	1,993 80		1·140
	June 2-7	Yarmouth, N.S., Marine Slip	Mud	920	1,187 79		1·291
	May 29-31	Liverpool, N.S.	Sand, mud, sawdust	18,890	20,461 16		1·083
	June 9-Aug. 21						
				30,592		33,060 23	1·080
"No. 9"	July 3-19	Eldon, P.E.I., Belfast wharf	Mud and silt	9,640	3,851 79		0·399
	July 21-Sept. 30	Murray Hbr., P.E.I., Beach point.	Mud, clay, gravel	27,730	12,727 64		0·459
	Oct. 1-31	Hurd's Point, P.E.I.	Mud, sand, bldrs	13,180	6,507 38		0·493
	Nov. 1-27	Summerside, P.E.I., Queen's wharf.	Mud, clay, gravel	12,375	7,272 94		0·587
	Nov. 28-Dec. 16	Charlottetown, P.E.I., Buntain and Bell's wharf.	Mud	6,120	3,157 98		0·516
				69,045		33,517 73	0·485
"No. 10"		Not in commission				539 98	
"No. 11"	May 14-June 13	Alberton, P.E.I. wharf	Mud, clay, sand, brick, stone, rock.	5,333	4,252 46		0·797
	June 14-Aug. 30	Naufrage, P.E.I., breakwater	Clay, rock, sand, mud and boulders	7,719	7,807 79		1·011
	Sept. 1-Nov. 17	Bay Fortune, channel	Sand, rock and clay	6,618	3,288 11		0·496
				19,670		15,348 36	0·780
"No. 12"	Aug. 29-Oct. 10	Washadamoak, N.B., Cole's Island.	Sand	16,637	5,757 20		0·346
	Oct. 11-31	Washadamoak, N.B., Dredge track.	Red clay and mud	13,304	2,905 90		0·218
	Nov. 1-8	Washadamoak, N.B., Perry's wharf.	Clay and rock	1,026	873 13		0·851
				30,967		9,536 23	0·307
"No. 13"	June 2-21	Bathurst, N. B., Tete-A-Gauche Bar.	Cemented sand	7,619	5,970 96		0·783

SESSIONAL PAPER No. 19

CALENDAR YEAR DEPARTMENTAL DREDGING REPORT, 1919.—*Continued.*

MARITIME PROVINCES.—*Concluded.*

Dredge..	Date.	Locality.	Material.	Quantity cu. yds.	Cost Locality.	Total Cost.	Cost per cu.yd.
					$ cts.	$ cts.	$ cts.
	June 23-July 5..	New Carlisle, P.Q.	Hard sand	5,837	3,980 62		0·682
	July 7-Aug. 9..	Loggieville, N.B.	Soft mud	14,082	6,797 13		0·482
	Aug. 11-Sept. 8.	Canso, N.S.	Rock, bldrs, clay	1,613	6,083 62		3·771
	Sept. 9-Oct. 1..	North Sydney, N.S., Farquhar's wharf.	Rock, sand, gravel, mud, clay, stones ballast.	3,681	4,243 51		1·152
	Oct. 29-30.						
	Oct. 2-9	North Sydney, N.S., Vought's wharf.	Rock, sand, gravel, mud, clay, stones.	1,179	2,553 61		2·165
	Oct. 10-28	North Sydney, N.S., Salter's and Moulton's wharf.	Rock, ballast, gravel	9,880	7,172 66		0·726
	Oct. 31-Nov. 1..	North Sydney, N.S., Musgrave's wharf.	Clay, stone, rock	1,134	1,013 93		0·894
	Nov. 4-5	Sydney, N.S., Quarantine whf.	Mud, clay, sand	1,084	638 40		0·588
	Nov. 13	North Sydney, N.S., Jackson's wharf.	Ledge rock	40	150 21		3·755
				46,149		38,604 65	0·836
"No. 14"		Not in commission				314 92	
"No. 15"	Aug. 18-Oct. 2..	Middle South	Mud, clay, stones	6,500	2,576 53		0·396
	Oct. 8-Oct. 18..	Corkum's Island	Mud, clay, stones	325	167 13		0·514
	Oct. 20-Dec. 2..	Feltzen South	Mud and gravel	3,625	1,533 90		0·423
				10,450		4,277 56	0·409
"Lisgar" tug		Tug was rented Dec. 10-31				603 70	
"R.B. No. 3"		Rockbreaker was rented to Messrs. Foley Bros., Welch, Stewart & Fauquier.				1,203 32	
"Stonelifter No. 1".		Not in commission				582 58	
"Scow No. 157"						572 76	
"Office staff and expenses".						8,958 81	

ONTARIO AND QUEBEC.

"No. 101"		Dredge dismantled				13 75	
"No. 102"		Not in commission				583 54	
"No. 103"		Not in commission				745 33	
"No. 106"		Dredge sold				1,433 26	
"No. 109"		Not in commission				3,978·21	
"No. 110"	Sept. 5-Oct. 8..	Ha Ha Bay, P.Q.	Clay	28,978	36,552 93	36,552 93	1·261
"No. 111"		Not in commission				417 65	
"No. 112"		Not in commission				1,137 65	
"No. 115"		Not in commission				4,143 57	
"No. 116"	May 15-21	Grosse Isle, P.Q.	Clay	2,870	3,597 62		1·253
	May 22-Sept. 26	Rimouski, P.Q.	Clay and boulders	48,676	45,751 34		0·939
	Sept. 27-Oct. 16	Lauzon, P.Q.	Sand	1,050	1,251 42		1·191
							1.253
				52,596		50,600 38	0·962
"No. 117"	Apr. 14-June 21..	Port Burwell, Ont.	Silt, sand, mud	79,128	17,427 65		0·220
	June 22-Nov. 25	Toronto, Ont.	Sand, silt, clay	144,650	32,199 22		0·222
				223,778		49,626 87	0·2217
"No. 118"		Not in commission				417 68	
"No. 119"		Not in commission				973 12	
"No. 120"		Not in commission				1,175 79	
"No. 121"	June 9-Sept. 16..	Louiseville, P.Q.	Clay, sand	17,140	6,985 78		0·407
	Sept. 17-Nov. 28	Caughnawaga, P.Q.	Hardpan, bldrs	2,010	5,324 28		2·648
				19,150		12,310 06	0·642
"No. 123"	Aug. 15-Oct. 18	Three Rivers, P.Q.	Sand, clay	25,414	19,705 58		0·775
	Oct. 20-Nov. 15	Batiscan, P.Q.	Sand	11,454	8,807 64		0·768
				36,868		28,513 22	0·773
"No. Q. and R."	Aug. 1-Nov. 5..	Three Rivers, P.Q.	Sand and clay	80,563	15,406 57		0·191
	Nov. 6-15	Batiscan, P.Q.	Sand	4,890	1,145 90		0·234
				85,453		16,552 47	0·193
"Steel Scows"						8,467 95	
"Stonelifter No. 102".		Not in commission				149 12	
"Steam Derrick"		Not in commission				198 87	
"Sweeping Scow" (Girard).						445 00	
"Victoria Island Shipyard".		Maintenance	Repairs and contingencies.			10,077 86	
"Messages"						932 45	

CALENDAR YEAR DEPARTMENTAL DREDGING REPORT, 1919.—*Continued.*

MANITOBA, SASKATCHEWAN AND ALBERTA.

Dredge.	Date.	Locality.	Material.	Quantity cu. yds.	Cost Locality.	Total Cost.	Cost per cu.yd.
					$ cts.	$ cts.	$ cts
"No. 201"	June 6-Aug. 16.	Mouth of Red River	Sandy clay and hard sand.	41,466	11,606 69	11,606 69	0·279
	Sept. 15-29.						
"No. 202"	June 5-10	Repair Slip, Selkirk	Silt and mud	1,114	2,761 96	2,761 96	2·479
"No. 204"		Not in commission				392 99	
"No. 205"	May 29-July 24.	Gimli	Mud, clay and bldrs.	17,863	4,317 85		0·241
	July 25-Aug. 21	Selkirk Slough	Soft mud	24,878	5,568 02		0·223
	Sept. 3-30.						
	Aug. 21-Sept. 2.	Selkirk Wharf	Soft mud, clay	3,749	1,073 71		0·286
				46,490		10,959 58	0·235
"No. 208"	June 7-Sept. 24.	Cumberland Lake	Clay, sand, gumbo.	18,269	6,299 22	6,299 22	0·344
"No. 210"	June 21-30	Winnipegosis	Silt	395	3,368 62	3,368 62	8·528
"Hecla" (tug)						190 00	
"Vaughan" (tug)						368 38	
"Gasoline Launch"						97 15	
"Selkirk Shipyard Maintenance"						2,130 11	
"Carberry" (tug)						1,250 00	
"Floating Pile Driver"						50 00	
"Coal Barges" (3)						175 00	

BRITISH COLUMBIA.

"No. 301"		Not in commission				10,643 31	
"No. 302"		Not in commission				1,690 05	
"No. 303"	Jan. 1-Mar. 10	Sand Heads	Mud and silt	503,203	62,119 29		0·123
	Apr. 21-July 15						
	Aug. 11-Oct. 18						
	Oct. 27-Nov. 15.						
	Mar. 11-Apr. 11	General overhaul					
	Apr. 12-19	William Head, Esquimalt	Boulders	1,120	613 16		0·547
	May 26-30	Tied up at New Westminster					
	July 16-Aug. 9	Woodward cut	Mud and sand	120,067	16,623 02		0·138
	Nov. 17-Dec. 31						
	Oct. 20-25	Ferry Slip, Nanaimo	Stiff clay	1,944	1,323 13		0·68
				626,334		80,678 60	0·128
"No. 304"		Not in commission					
"No. 305"	Jan. 1-Mar. 26	New Channel, Steveston	Sand and silt	219,455	23,057 19		0·105
	Mar. 27-31	Woodward Ferry Landing	Silt	250	78 40		0·313
	April 1-19	Fraser Mills	Sand and silt	22,995	7,007 66		0·304
	June 4-14						
	April 21-May 17.	General overhaul					
	May 19-23	Wallace Shipyard	Gravel and rock	8,400	1,106 16		0·131
	May 26-June 3	Tied up at New Westminster					
	June 24-Aug. 19	Cannery Channel	Silt and sand	100,810	19,167 74		0·19
	Aug. 20-Dec. 31	Woodwards Cut	Silt and sand	248,545	34,803 09		0·14
				600,455		85,220 24	0·141
"No. 306"		Not in commission				7,867 82	
"No. 307"		Not in commission				1,149 72	
"No. 309"		Not in commission				425 04	
"No. 311"	Nov. 15-Dec. 31	Cottonwood Point	Sand and gravel	8,370	6,146 67	6,146 67	0·734
"No. 313"		Not in commission				313 05	
"R. B. No. 1"		Not in commission				960 46	
"R. B. No. 2"		Not in commission					
"Drilling Plant"		Not in commission					
"Salaries and office expenses"						1,035 62	

DRY DOCKS.

CHAMPLAIN DRY DOCK.

The work during the present fiscal year consisted more in the rectification of defective works already built, than in the construction of new works. The temporary underground cable system, which was built during the war to enable the operation of the dock, was replaced by the permanent system as required by the specifications. The metal road around the dock, part of which was built, was completed this year. Galvanized steel ladders were erected in all the different penstocks around the dock and wherever else found necessary. All the parts of the mechanical equipment, which were found defective were partly changed and replaced. All steam line piping were removed and rebuilt, and the magnesia asbestos covering put on. All feed water lines piping were removed and reconstructed. All the brickwork of the eight steam boilers was completely taken down and replaced by new brickwork. A tunnel was built in the power-house, underneath the floor, at the rear of the boilers. This tunnel was built to receive the different pipe lines that could possibly be put in there, in order to clear the alley behind the boilers. In the pump-house, the three main pumps and the two drainage pumps were tested in the month of November, 1919. Some small changes and repairs were also made to the piping lines and electric cables in the pump-house. Two small pumps were brought to empty the small sump in pump-house. The erection of these pumps was started and will be completed during the next season. A contract was entered with Jos. Gosselin Limitée, of Levis, to build a wood fence 10 feet high around the Champlain and the Lorne dry docks. This work was completed during the fiscal year. 4,410 feet of fence were built at $2.80 per lineal foot, making a total expenditure of $12,348, for which the Davis Shipbuilding and Repairing Company is to pay half. Expenditure for the fiscal year, $49,681.20.

ESQUIMALT GRAVING DOCK.

During the fiscal year, 47 ships were docked for cleaning, painting and repairs, occupying the dock for 158 days. The electric light poles on the east side of the dock have been renewed. The auxiliary boiler developed leaks and it was found that extensive repairs were necessary. A new water meter was installed. The road between the dock entrance gates and the dockmaster's residence was resurfaced. Both the pile dolphins outside the entrance to the dock, which were almost destroyed by the action of pile worms, were renewed, creosoted piles being used. Besides attending to the docking and undocking of ships, the staff has been variously employed in attending to minor repairs and general upkeep of the plant.

The expenditure during the year was $21,937.10.

LAUZON.

Lorne Dry Dock.

Dredging was done at the entrance to the Lorne dry dock with the object of cleaning the entrance of the dock and preventing mud from accumulating in the rolling caisson chamber. The materials excavated in this work were mud, sand, and a few boulders, and were dumped in the river St. Lawrence at about three-quarters of a mile from the site of the works, but the materials excavated by the "clam shell" were dumped on the wharf nearby. The dredging covered an area of 15,040 square feet and to an average depth of 1·5 foot. The quantity of materials dredged by the departmental dredge *No. 116* was 1,050 cubic yards, and the place measurement of same was 468 cubic yards, which would give an expansion factor of 1·2. The dredge was there from October 13 to 18, 1919, but only twelve hours of actual dredging was

done. As for the quantity of materials excavated by the departmental clam shell *Hugh Quinlan* no scow measurement was given because the materials were directly dumped on the wharf. The place measurement was 340 cubic yards. This clam shell worked from November 3 to 5, 1919.

Toilet Building.

During the fall of 1919, a contract was entered into for the construction of a new toilet building at the Lorne dry dock and the expenditure was $3,150.

LOCKS AND DAMS.

RIVER ST. CHARLES IMPROVEMENTS.

The description of the work to complete the proposed locks and dam has been fully covered by previous annual report.

No work has been done on the locks and dam since the contract was cancelled. The Canadian Northern Division of the National Railways however, found it necessary to rebuild their bridge over the river St. Charles in advance of the completion of the entrance piers to the locks which would have been used as piers for the support of the steel superstructure after the removal of the old piers. For the above purpose, the Department of Railways and Canals, undertook and completed a sufficient length of the sections of the entrance piers to the locks to support the new steel superstructure and any section of that work which was part of the entrance walls to the locks conformed to the plans and requirements of the Department of Public Works, for which works this department was requested to pay two-thirds of the cost, which will amount to $80,365.38. A considerable quantity of the plant taken over from the former contractors, referred to in last fiscal year's report, has been sold, and a part has been under lease during the working season.

RIVIERE DU LIEVRE.

At the opening of navigation the booms were placed and small floating plant launched and at the end of the season laid up for the winter. During March, 365 lineal feet of new three-ply boom was built of 12 by 12 British Columbia fir. Small repairs were made to the lockmasters' quarters.

Expenditure during the fiscal year, $2,122.80.

YAMASKA.

The lock and dam built between 1882 and 1885, are situated about two miles below the village of Yamaska. The operation and maintenance of these works was discontinued at the end of the fiscal year 1919, owing to their dilapidated state and the insufficient amount of traffic going through.

SLIDES AND BOOMS.

Ottawa River Works.

OTTAWA RIVER.

North Chaudiere station.—The outlay at this station was for timber used in building an apron which was placed at the outlet of the lower slide to prevent logs and timber from being damaged by striking the bed of the river at low stages of water in the Ottawa.

TRIBUTARIES OF OTTAWA RIVER.

Gatineau river.—The expenditure on this river was for a few tools for the works and for oil, paint and brushes for repair to boats.

Madawaska river.—At Arnprior station, some repairs were made to the chains of the guide booms and in addition certain tools were provided.

At High Falls station, the two piers of the bulkhead at entrance to the slide were partially rebuilt. The pier on northern side is 34 feet long in front, 41 in rear, 14 feet wide and 7 feet high. The southern pier is 41½ feet long, 10 feet wide and was built 4 feet in height. At the rear of the main dam, the foundation of a support pier was laid and built two courses; the size of the pier being 18 by 48 feet.

Coulonge river.—In May, 1919, the High Falls slide suffered severe damage through the washing out of a portion of its foundation cribwork by the force of the water; with the result that the bents and superstructure collapsed and tumbled into the river. The slide where the break occurred is 49 feet in height, and the damage extended over a space of 175 feet in length. Repairs were speedily made by building a cribwork 120 feet long, 12 feet wide and 14 high, on the top of which were placed eleven bents to carry the superstructure. Twenty-five cross sills and fifty-six posts were required for the slide, the sides and bottom of which were covered with three-inch oak plank. The stone filling was removed from two piers which support the main guide boom and placed on the shore, so that the woodwork might be built in the winter.

A dam at the head of the slide which was also damaged in the spring was repaired. Two courses of timber were laid on top and a portion of the front, 18 feet in width, and the whole of the top were covered with two-inch plank; the length of this dam is 84 feet and the width at top is 7 feet. At the lower end of the slide, a section 84 feet in length was repaired. Twenty-eight posts and fourteen sills were renewed, and the sides and bottom were sheeted with three-inch oak plank.

Black river.—The sheeting of the High Falls slide was patched in many places. Below the first curve, a portion 163 feet in length on the eastern side was stripped and entirely covered with new material. A new guard railing was placed on the bulkhead and the platform of the latter was repaired. At the entrance to slide, the guide booms were very much waterlogged, so much so that they would not support the weight of the men engaged in feeding the slide, so 364 feet of the boom were removed and laid up on the shore to dry and other seasoned timber was substituted. Twenty-eight cap pieces were required for the boom, connecting chains were examined and several were replaced.

Petawawa river.—At the First Chute station, the outlay was for tools and spikes used in repairing the booms and slide. At the second chute, the booms were patched, timber was hauled from the railway station and laid up at the works and preparations were made for repairs to the main controlling dam. At Cedar Lake station, a round of timber was placed on each of three piers supporting the guide boom leading to the sluiceway. A new flooring 20 feet wide, 12 feet long and 6 inches thick was placed in the waste gate, and two sills each 22 feet long were needed under the flooring. A break in the long pier dam to south of waste gate required two pieces of timber, and the surface over the break was covered with 4-inch plank. The dam adjoining the waste gate 33 feet long and 10 wide was raised one course of timber. At the extreme southern end of the main dam, an extension was made 39 feet in length and carried up four feet in height to prevent leakage at this place.

Dumoine river.—The only expenditure on this river was for a boat used in connection with repairs at High Falls.

In the spring of 1919, the water in the Ottawa river and its tributaries was much higher than usual, and several of the works suffered damage in consequence. On the

Madawaska river. the passing of logs through the slides was suspended when the water was the highest so as to safeguard the works.

The maximum height of water was reached towards the end of May, and remained at a fair pitch during the summer months.

NOTE.—On April 3, 1920, these works were leased to the Upper Ottawa Improvement Company.

BRIDGES AND ROADS.

OTTAWA.

Bridges at Ottawa and Roadway and Bridge Approaches between Ottawa and Hull.

Chaudiere slide bridge.—The roadway of this bridge was cleaned from time to time; the sandstone pavement was raised to grade where settlement had taken place, and the gratings were kept clean.

Union bridge.—The roadway planking was patched, the bridge cleaned frequently and sidewalk repaired.

Roadway and bridge approaches, Ottawa and Hull.—The stone pavement was repaired and kept to grade, roadway was cleaned, sidewalks and guard fences were maintained in repair and the weeper holes were kept open.

OTTAWA-HULL, UNION BRIDGE.

A contract was awarded April 30, 1919, for the construction of a new steel highway bridge.

The old bridge was moved on August 22. The work of rebuilding the Hull abutment was then carried out, consisting of demolishing corners of this abutment and rebuilding with concrete corner piers encasing two steel columns down to bed rock and front wall revetment also of concrete. This abutment and the Ottawa abutment were finished with new concrete coping and ballast walls for bridge seats. Cost for this extra work, $8,260.03.

The new span, to a large extent erected, was moved into place October 15. On November 10 the reinforced concrete slab for roadway was completed, and on November 25, the laying of lug blocks on roadway was also finished. On the morning of December 9, the bridge was opened for traffic of pedestrians and vehicles, and, on 12th, the Ottawa Electric railway resumed operation. Temporary approaches were prepared by the contractors to accommodate this traffic during the winter. The new structure will only be completed this spring.

The new bridge consists of a riveted steel truss span 234 feet 6 inches c. to c. of end bearings and 41 feet c. to c. of trusses, with bracketed sidewalk on downstream side. The reinforced concrete roadway carries double-track electric railway traffic. The granolithic sidewalk will be built for a disance of 130 feet beyond each end of bridge and bracketed from the masonry approaches. The pavement is of creosoted lug blocks.

The old bridge was stored at Victoria Island shipyard prior to disposal.

Expenditure during the fiscal year was $98,896.74.

ONTARIO AND QUEBEC.

Burlington Channel.

The swing bridge was placed in commission on April 1 and was closed for season on December 23. A contract was awarded for the repairs to the south pier, being the removal of 200 lineal feet of superstructure commencing at a point 300 feet measured easterly from the westerly end of south pier and the reconstruction of said superstructure. Work was commenced August 5 and is still being carried on, and up to the present time approximately one-half of the contract has been completed.

Des Joachims Bridge.

One of the piers supporting the main span was damaged by logs coming down the river; several of the stones having become dislodged left a cavity some 8 feet in height and extending into the body of the pier from 6 to 7 feet. The void was filled with concrete, and as a further protection a buttress pier of concrete with a cutwater battered at an angle of forty-five degrees was built in front of the masonry pier, all the concrete being well bound together in one mass. The protection pier is 12 feet long, 7 wide, the width of the masonry pier, and 12 feet high.

Grand River Bridge.

Work of repairs was commenced on July 9 and completed September 9 last, and consisted of repairs to decking, stringers and filling holes in the westerly approach to bridge. In all 5,010 f.b.m. timber and 20 cubic yards gravel were used in the work.

Matapedia.

A contract was entered into on December 3, 1918, for the renewal of flooring on the bridge, over the Restigouche river between the provinces of Quebec and New Brunswick. Work was begun March 22, and was completed on May 2, 1919. Contract was for the amount of $4,997, from which $50 were deducted for alterations in specified lengths of timber used for flooring. The dimensions of the bridge are as follows: 1,106 feet in length by 16½ in width. Expenditure for the year, $5,083.

North Timiskaming.

A contract was awarded May 20, 1919, for the erection of a traffic bridge across the Quinze river, consisting of two through truss spans, each 238 feet 1¾ inches long, and two deck spans, each 75 feet long, with concrete roadway 17 feet 2½ inches wide. Up to December 12, when work was discontinued, the steel was completely erected and 368 feet of the concrete floor in place. There remains about 270 feet of floor slab and the painting to complete the contract. It is intended that this work shall be carried out during the coming spring and early summer. During November, repairs were made to bridge substructure, by day labour, consisting of improvements to north wing of abutment No. 1, where 5 cubic yards of field stone were placed in backfill and portion of riprap wall rebuilt, improvements to foundation of pier No. 3, where 30 cubic yards field stone were deposited in water up to elev.—2.0 feet below bridge datum. Materials, consisting of 160 cedar posts and 228 cubic yards gravel, were purchased and delivered at bridge, to be used in the building of handrailing and grading approach roadways. This work will be proceeded with by day labour concurrently with the contract work.

Expenditure during the fiscal year, $70,050.77.

Portage du Fort Bridge.

The flooring of the larger bridge was entirely renewed, and general repairs were made to both bridges.

ALBERTA.

Banff Bridge.

General repairs were made and consisted of reflooring roadway and footpath decking, and repairing protection abutments. Work was carried out by day labour and the expenditure incurred up to March 31, 1920, was $2,347.04.

Canmore Bridge.

General repairs were made and consisted of repairing protection abutments, piling centre pier, renewal of riprap around piers, stopping and pointing bridge. Work was carried out by day labour.

GOVERNMENT TELEGRAPH SERVICE.

By D. H. Keeley, General Superintendent.

Location of Lines.	Year Constructed	Length of Lines.			No. of Offices.	Messages Sent.	
		Land Lines.	Cables.	Total.		1919.	1920.
Newfoundland	1883	14	.....	14	2	.....	.....
Nova Scotia	1880–1916	946 3/4	31 1/2	978 1/4	142	25,340	28,582
New Brunswick	.....	.....	.....	.....	.....	.....	.....
Chatham-Escuminac	1885–1919	110 1/4	.....	110 1/4	27	5,945	6,107
Bay of Fundy	1880–1916	77 1/2	39 3/4	117 1/4	18	3,978	5,506
Quebec—							
Magdalen Islands	1880–1910	111 1/2	73 1/4	184 3/4	20	4,768	4,644
Anticosti Island	1881–1890	251 1/2	65 1/4	316 3/4	9	1,266	678
North Shore St. Lawrence	1881–1915	1,082	5 1/2	1,087 1/2	77	53,964	58,469
Chicoutimi District	1881–1912	479	.....	479	36	.....	.....
Quarantine System	1885–1912	150	21 1/4	171 1/2	25	11,332	11,413
Quebec County	1909–1914	76 1/2	.....	76 1/2	.....	8,404	9,105
Timiskaming	1910–1912	104	.....	104	18	1,693	2,015
Ontario—							
Pelee Island	1889–1901	.....	17 1/4	17 1/4	1	525	512
Saskatchewan—							
Moose Jaw-Willow Bunch	1885–1912	212	.....	212	8	.....	.....
Battleford-Isle Lacrosse	1912	295	.....	295	7	31,799	28,776
Qu'Appelle-Onion Lake	1883–1913	562 1/2	.....	562 1/2	28	.....	.....
Alberta—							
Onion Lake-Hudson Hope Loops and Branches	1883–1915	1,136	.....	1,136	58	47,182	70,707
Athabaska-Fort McMurray and Branches	1914–1915	315	.....	315	6	.....	.....
British Columbia—							
Mainland	1899–1918	1,414 1/2	8 1/2	1,423	276	89,263	129,880
Vancouver Island	1896–1914	1,174 3/4	73 3/4	1,248 1/2	154	119,593	128,060
Yukon—							
Ashcroft-Dawson Boundary and Branches	1899–1916	3,185 1/2	.....	3,185 1/2	254	101,975	99,892
Queen Charlotte Island	1913–1914	123	.....	123	13	.....	.....
Total	.....	11,821 1/4	336	12,157 1/4	1,179	507,027	584,346

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TELEGRAPH SYSTEMS OF THE DOMINION.

As a matter of general interest, pursuant to the statement submitted last year, the latest figures to hand showing the extent of telegraph lines in operation in the Dominion are as given hereunder:—

Canada.	Length of Lines in Miles.				Length of Conductors in Miles.				
	Aerial.	Underground.	Submarine.	Total.	Aerial.	Underground.	Submarine.	Total.	No. of Offices.
1919–20.									
Great North Western Telegraph Co.	10,064	7	13	10,084	31,357	192	78	31,627	.....
Canadian Pacific Telegraph	14,617	23	95	14,735	106,143	820	227	107,190	1,519
Government Telegraph Service	11,516¾	.....	336	11,852¾	11,821¼	.....	336	12,157¼	1,179
Grand Trunk Pacific Telegraph	5,277	1	1	5,279	19,525	18·25	2·19	19,545	279

REVENUE AND EXPENDITURE.

The revenue and expenditure for each of the Government lines in the several districts hereinbefore mentioned are given in the following table:—

1919–20.	Expenditure	Revenue.
Lower St. Lawrence and Maritime Provinces—		
Anticosti lines	$ 6,946 36	$ 600 62
Bay of Fundy	3,096.91	1,632.03
Cape Breton	31,498.85	6,638.49
Escuminac	4,410.58	791.46
Ile aux Coudres (subsidy)	200.00	
Magdalen Islands	6,926 30	2,209.55
North Shore, East of Bersimis	27,759.89	10,581.86
North Shore, West of Bersimis	16,904 41	3,141.15
Orleans telephone	1,309.69	663.14
Quarantine system	7,440.74	104.54
Quebec County Lines	10,193.83	1,402.24
Dorchester Line	556.50	132.45
Prince Edward Island and Mainland	6,946 66	
Cable Ship *Tyrian*—		
Maintenance	78,970.32	
Generally—		
Gulf and Maritime Provinces	5,942.58	
Timiskaming District—		
Telephone line	7,570·99	493.31
Ontario—		
Pelee Island telephone	1,386.64	120.70
North West Lines—		
Saskatchewan	61,685.59	7,544.14
Alberta	95,941.83	37,333.47
British Columbia—		
Mainland	80,053.86	48,296.95
Vancouver Island	107,838.26	43,707.24
Yukon—		
Ashcroft-Dawson	236,990.00	112,355.61
Telegraph service generally	5,673.84	
	$ 806,244.63	$ 277,748.95

DEPARTMENTAL TELEPHONE SERVICE.

Up to date of this report (April 1, 1920) the telephone connections with the central office of the Bell Telephone Company at Ottawa, listed as chargeable to the special appropriation, numbered 1,260, the annual charge for which amounts to $57,004.90. The connections are distributed amongst the several departments, as hereunder:—

Department.	No. of Telephones.		Total.	Cost per Annum.
	Offices.	Residences.		
Agriculture	40	4	44	$ 2,948.44
Air Board	1		1	64.90
" P.B.X.	14		14	509.30
Auditor General	14		14	850.30
Civil Service Commission	21	3	24	1,279.30
Clerk of Crown in Chancery	1		1	62.70
Commerce Board	5		5	303.38
Conservation Commission	6	1	7	471.90
Customs	24	3	27	1,406.90
Dominion Archives	4	1	5	298.10
Exchequer Court	2		2	140.30
External Affairs	15	3	18	982.30
Finance	9	3	12	618.20
" P. B. X.	38		38	1,384.90
Government House	7		7	355.30
" " P. B. X.	18		18	610.50
" " Private Line				135.30
Health and Statistics	2	3	5	216.70
" P. B. X.	30		30	943.80
House of Commons	2	1	3	126.50
Immigration and Colonization	14	2	16	875.60
Indian Affairs	12	1	13	656.70
Industrial Research Council	2		2	119.24
Inland Revenue	10		10	529.10
Interior	120	3	123	6,787.22
" Soldiers Settlement Board	20	1	21	1,282.38
Justice	19	5	24	1,235.74
Labour	13	3	16	902.00
Library of Parliament	3	2	5	207.90
Marine and Naval	4	3	7	302.50
" " P.B.X.	101		101	2,799.06
Military Service Council	1		1	91.30
Militia and Defence	15	3	18	1,194.60
" " P.B.X.	234		234	7,509.92
Mines	26		26	1,450.24
" P.B.X.	36		36	823.90
North West Territories	1		1	62.70
Overseas Military	3		3	213.18
Patents	5	1	6	294.80
Patriotic Fund Committee	1		1	104.50
Post Office	47	3	50	2,721.40
Printing and Stationery	15	1	16	880.00
" " P.B.X.	49		49	1,272.70
Privy Council	8	1	9	596.20
Public Works	63	1	64	3,646.94
Railways and Canals	26	2	28	1,296.72
Royal Canadian Mounted Police	29	1	30	1,729.20
Secretary of State	13	2	15	801.24
Soldiers Civil Re-Establishment	7	2	9	434.50
" " " P.B.X.	14		14	627·00
Supreme Court	1	1	2	92.40
Trade and Commerce	20	3	23	1,255.10
War Purchasing Commission, P.B.X.	12		12	499.40
	1,197	63	1,260	$ 57,004.90

CAPE BRETON.

Conditions Generally.—This year has been the most successful so far as volume of traffic handled in the district has obtained, due largely to the continuance of the pulp industry at Englishtown, the re-opening of the coal district at New Campbellton and the vigorous prosecution of the fish industry.

Some trouble was experienced during the year on the Big Bras d'Or and Ingonish Sections due to severe gales and sleet, but general repair work was taken in hand by the various employees and all lines were placed and kept in a state of efficiency.

BAY OF FUNDY.

Both telegraph and telephone circuits worked well during the year in spite of severe sleet storms, communication being always restored within a few hours of interruption.

The necessary cable repairs were carried out by the D.G.S. *Tyrian.*

No changes in offices or staff and no new lines constructed.

MAGDALEN ISLANDS.

The Meat Cove cable, which was interrupted in December, 1917, was repaired in 1919 and is now giving good service.

The Bryon Island cable is out of commission but will be repaired as soon as the D.G.S. *Tyrian* is available.

There have been no serious interruptions during the year and no new offices opened.

ANTICOSTI ISLAND.

The usual general repairs were completed during the season. No additional offices opened.

NORTH SHORE LINES.

These lines received a thorough overhauling under the supervision of the general repairers, 470 poles and 1,900 braces were renewed.

This line operated very satisfactorily during the past year showing an increase in the volume of business done.

No new construction and no new offices opened.

QUARANTINE LINES.

On the 11 submarine cables forming part of this system a few slight interruptions took place, but were quickly remedied. In the making of necessary repairs about two miles of old cable were used.

The land lines gave good service throughout the year.

No change in location, or extensions were made.

Ontario.

The cable connecting Pelee island to the mainland at Leamington which had been damaged during a terrific storm, by vessels catching same in their anchors was repaired on July 31, 1919, and good service has obtained over same to date.

Saskatchewan.

The lines in this section worked satisfactorily during the past season despite high winds and gales which prevailed. Business has been satisfactory and compares favourably with the previous twelve months.

Extensive repoling will have to be done on parts of this system next year due to oft-repeated resetting of poles which have now become too short to use again.

No extensions or changes have taken place.

Alberta.

The circuit was well maintained in this district during the past year. Bush fires followed by severe wind, rain and snow storms caused some trouble on the Peace River and Fort McMurray lines, yet the revenue for the year shows an increase of $14,265 over the previous year.

Due to the scarcity of labour only $2,879 was spent out of a vote of $5,000 for woods clearance (right of way), work being only done where most necessary.

No extensions or changes.

British Columbia (Mainland).

Good service was given over this system during the past year. Business has been very satisfactory showing an increase of 37 per cent over the previous year.

No extensions or changes have taken place during the year.

Vancouver Island.

The various lines comprised in the district were operated very satisfactorily during the past year. The revenue has increased and due to the opening of new industries the service is taxed to its capacity.

The submarine cable between Pender and Mayne islands and Clayoquot and Vargas islands parted in November last but were repaired with a minimum of delay, 1½ knots of cable being used in effecting repairs.

In December the cable between Sydney and Sydney island parted and in March the one between Nanaimo and Entrance island also parted, but repairs were effected with a minimum of delay, half-knot of cable being used.

No changes nor extensions.

Yukon Lines.

Operations during the past year have been very satisfactory. Interruptions were few and of short duration. There has been a heavy increase in traffic the revenue being fully 15 per cent greater than during the past fiscal year.

The composite system of telegraph and telephone was extended from North-Bulkley to Burns lake to relieve the congestion on the main line.

The usual repairs, consisting of repoling, clearing right of way, etc., were carried on during the summer and the various lines and branches put in good order.

Cable Ship "Tyrian."

On April 1, 1919, had on hand 15·18 knots of D.S. cable, said amount of cable being added to during the year's operations in the following manner:—

July 2	—Long Eddy-Herring Bay cable, picked up	0·25 knots.
June 29	—Seal Island " " "	10·03 "
Aug. 4	— " " " " "	1·10 "
" 23	—Tadoussac " " "	0·64 "
Sept. 2	—Gaspé-Anticosti " " "	3·12 "
Oct. 22	—Magdalen Islands " " "	21·92 "
Nov. 13	—Bryon Island " " "	1·15 "
1920.		
Mar. 24	—Seal Island cable, picked up	8·00 "
	On hand	15·18 "
	Making a total of	61·39 knots.

of D.S. cable which were utilized as follows:—

June	5—Scatari Island cable, laid	0·23	knots.
"	11—Coffin Island cable, laid	0·14	"
"	30—Whale Cove-Meadow Brook cable, laid	0·08	"
July	2—Long Eddy-Herring Cove cable, laid	0·60	"
"	8—Deer Island-Eastport cable, laid	0·89	"
Aug.	9—Seal Island cable, laid	13·39	"
"	9—Seal Island cable, condemned	0·50	"
"	23—Tadoussac cable, laid	0·73	"
Sept.	2—Gaspé-Anticosti cable, laid	3·64	"
"	2—Gaspé-Anticosti cable, condemned	1·50	"
Oct.	22—Magdalen Islands cable, laid	22·34	"
"	22—Magdalen Islands cable, condemned	0·40	"
"	22—Converted to boat work	1·00	"
"	30—Tadoussac cable, laid	0·75	"
"	17—Shipepd to Sable Island	0·74	"
"	17—Shipped to Grand Narrows	0·06	"
	Leaving on hand	14·40	
		46·99	

knots of D.S. cable on the D.G.S. *Tyrian* on March 31, 1920. In addition to above at the end of the fiscal year the *Tyrian* had 1.21 knots of second-hand cable on hand as well as 1.31 knots of S.E.; 1.50 two-core and 1.19 four-core.

The above also shows the busy season which the D.G.S. *Tyrian* had in laying, picking up and repairing the various cables forming part of the Dominion Government Telegraph and Telephone Service.

Operation of ss. "Tyrian," 1919-20.

1919.

June 3—Left Halifax for Scatari cable repair.
" 4—Arrived at Scatari and started repair.
" 5—Completed repair and went to North Sydney.
" 6—Took aboard bunker coal.
" 7—Filled fresh water tanks.
" 8—Sailed for repair of Coffin Island cable.
" 9—Arrived at Coffin island, started repair.
" 10 and 11th—Repairing cable.
" 12—Sailed for Seal island, N.S.
" 13—Repairing cable.
" 14 to 17th—Bad weather.
" 18—Repairing cable.
" 19 and 20th—Bad weather.
" 21 to 24th—Repairing cable.
" 26—Sailed for Grand Manan, N.B.
" 27 to 30th—Repairing Whale Cove-Meadow Brook cable.
July 1—At Welchpool, N.B.
" 2—Repaired Long Eddy-Herring Cove cable.
" 3—Straightening out cable in tanks.
" 4 to 9th—Repairing Deer Island-Johnston's Cove cable.
" 10—Went to Flaggs cove and back to Welchpool.
" 11—Repairing cable in tanks.
" 12—Repaired Lubec cable and went to Seal cove, N.B.
" 13 and 14th—Repairing Seal Cove-Big Wood Island cable.
" 15—Went to White Head island and started repair.
" 16, 17 and 18th—Bad weather.
" 19—Completed repair and sailed for Halifax, N.S.
" 20—At sea.
" 21—Arrived at Halifax.
" 22 to 30th—Getting Grapnels repaired.
" 31—Sailed for Seal island to complete repair.
Aug. 1—Arrived at Seal island
" 2 to 10th—Repairing cable.
" 11—Arrived at Canso, N.S.
" 12—Went to North Sydney.
" 13—Took in coal and water.
" 14—Sailed for repair of Tadoussac cable.
" 19—Encountered foggy weather, arrived at Tadoussac.
" 20 to 25th—Repairing Tadoussac cable.
" 26—Sailed for Anticosti-Gaspé cable.
" 27—Arrived at Fox river.
" 28, 29, 30th—Repairing cable.
" 31—At Gaspé.
Sept. 1, 2, 3rd—Repairing cable.
" 4—Went to Gaspé.
" 5—Took in fresh water.

Sept. 6—Sailed for Magdalen island cable repair.
" 7—Anchored at Old Harry.
" 8—Ran for shelter to West point.
" 9—Back on cable ground.
" 10—Repairing cable.
" 11 to 14th—Bad weather.
" 15—Returned to cable ground.
" 16, 17, 18th—Repairing cable.
" 19—Went to Amherst for shelter.
" 20—Went to North Sydney to repair grapnels.
" 21 to 24th—At No. Sydney, getting grapnels repaired.
" 25—Sailed for cable ground.
" 26—Went to Amherst for shelter.
" 27—Back on cable ground.
" 28—Returned to Amherst for shelter.
" 29—Back on repair work.
" 30—Went to Aspy bay for shelter.
Oct. 1 to 4th—Repairing cable.
" 5—At Aspy bay for shelter.
" 6—Repairing cable.
" 7—At Aspy bay for shelter.
" 8—Started for cable ground, went to Grindstone for shelter.
" 9 and 10th. Repairing cable.
" 11—Went to North Sydney.
" 12 to 16th—At North Sydney.
" 18—Sailed for cable ground.
" 19 to 22nd—Repairing cable.
" 23—At Aspy bay for shelter.
" 24—Sailed for Tadoussac, Que.
" 25—At sea.
" 26—Anchored at Father point.
" 27—Arrived at Tadoussac.
" 29 and 30th—Repairing cable, and sailed for Gaspé.
" 31—Arrived at Gaspé.
Nov. 1—Took in fresh water.
" 2—Cleared for Bryon island cable repair.
" 3—Arrived at Bryon island and started repair.
" 4 and 5th—Repairing cable.
" 6—Gale of wind, went to sea.
" 7—Anchored off Amherst lighthouse.
" 8—Started for Grindstone but found sea too heavy.
" 9—Remained at Amherst light.
" 10—Got to Grindstone.
" 11 to 13th—Made attempt at repairing Entry Island cable.
" 14 to 16th—At Grindstone. Made inspection Fone system.
" 17—Made another attempt at Entry Island repair.
" 18—Sailed for St. Paul Island cable repair and went to North Sydney for shelter.
" 19 to 24th—At North Sydney, took in coal and water.
" 25—Sailed for St Paul Island cable repair.
" 26—Anchored at Aspy bay for shelter.
" 27—Got in to North Sydney.
" 28—At North Sydney for shelter.
" 29—Sailed for cable ground.
" 30—Landed coal at Bay St. Lawrence station.
Dec. 1—At Aspy bay for shelter
" 2—Went to North Sydney for shelter.
" 3 and 4th—At North Sydney.
" 5—Sailed for repair of S.W. Point Anticosti cable.
" 6—Off Bonaventure island received orders to go to the assistance of *Aranmore*, ashore on Labrador.
" 7—Arrived off Wolfe bay.
" 8 to 12th—Standing by *Aranmore*.
" 13—Sailed for North Sydney.
" 14—Arrived at North Sydney
" 15 to 21st—At North Sydney awaiting orders, took in coal.
" 22—Sailed for Halifax.
" 23—At sea.
" 24—Arrived at Halifax.
" 24 to March 8th—In Halifax.

1920.

Mar. 9—Sailed for repair of Seal Island cable.
" 10—Arrived at Woods harbour.
" 11 to 12th. Bad weather.
" 22 to 24th—Repairing cable.
" 25 to 27th—Bad weather.
" 28—Sailed for Grand Manan.
" 29—Went in to Eastport and took in fresh water.
" 30—Got fresh supplies aboard.
" 31—Went to Seal cove, Grand Manan.

TABLES OF LINES, OFFICES, STAFF, ETC.

NORTH SYDNEY—MEAT COVE SECTION.

No.	Office.	Intermediate Mileage. Wire.	Intermediate Mileage. Cable.	Name.	Position.	Salary per annum.	Date of Appointment.	Memo.
1	Meat Cove	0	0	Mrs. H. L. McEachern	Agent-operator	$50 or commission	Sept. 1, 1897	Where not otherwise stated, the commission is 25 p.c. of the tolls for the Government line on all business to and from the office in each instance; said commission guaranteed to be not less than at the rate of $50 per annum.
2	Capsticks	3	–	J. H. Capsticks	Agent-operator	$50 or commission	July 1, 1914	
	To loop	4	–					
3	Bay St. Lawrence (loop wire.)	½	–	R. G. Zwicker	Agent-operator	$936	Jan. 1, 1916	Transferred from Aspy bay to Bay St. Lawrence June 11, 1920; free house and fuel in addition to salary.
4	Aspy Bay	4½	–	E. J. Zwicker	Agent-operator	$50	Aug. 17, 1920	Cable station at Bay St. Lawrence instead of Meat cove since September 1, 1906.
5	Cape North Island	5	–	N. A. McDonald	Agent-operator	$50 or commission	May 1, 1913	
	To loop	1	–					
6	Dingwall (loop wire)	5½	–	Wm. Larusic	Agent-operator	$50 or commission	Dec. 14, 1916	
	To loop	10	–					
7	White Point (spur)	6¼	–	Geo. Fitzgerald	Agent-operator	25 p.c. commission		
8	Neils Harbour (loop wire)	2½	–	A. A. McLean	Agent-operator	$50 or commission	Nov. 1, 1907	
9	Ingonish	9	–	Mary McLeod	Agent-operator	$50 or commission	Feb. 1, 1912	
10	West Ingonish	2	–	J. P. Nunn	Agent-operator	25 p.c. commission	Nov. 1, 1914	
11	South Ingonish	8½	–	Mrs. M. C. Williams	Agent-operator	$50 or commission	Jan. 1, 1913	
12	Ingonish Ferry	2	¼	Mrs. Mary McInnis	Agent-operator	$50 or commission		
13	Wreck Cove	9	–	Mrs. Mary Morrison	Agent-operator	$50 or commission	Oct. 1, 1903	
14	French River	5	¼	John McDonald	Agent-operator	$50 or commission	May 18, 1908	
15	Briton Cove	2	–	D. B. McLeod	Agent-operator	25 p.c. commission	April 1, 1899	
16	Indian Brook	7	–	C. A. McInnes	Agent-operator	$50 or commission	July 19, 1907	
	To loop	2	–					
17	Murray (on loop)	8	–				Closed.	
18	North River Bridge (on loop)	2	–	D. J. Morrison	Agent-operator	$50 or commission	Oct. 5, 1909	
	To main line	10	–					
19	Englishtown	3¾	¼	Mrs. J. D. McCaskill	Agent-operator	25 p.c. commission	March 28, 1912	
20	Eel Cove	2	–	M. Smith	Agent-operator	25 p.c. commission	Feb. 21, 1914	
21	South Gut (on loop)	3	–	Rachel Morrison	Agent-operator	$50 or commission	Sept. 1, 1904	
22	Munros Point (on loop)	5	–	John McKillop	Agent-operator	$50 or commission	April 6, 1916	
23	Baddeck (on loop)	8	–	J. A. Campbell	Agent-operator	$150 and 25 p.c. commission	April 2, 1919	
	To Englishtown	18	–					
24	Kellys Cove (New Campbellton)	12	–	Miss A. Morrison	Agent-operator	$50 or commission	Dec. 2, 1909	
25	Big Bras d'Or	2	½	D. Livingston	Agent-operator	$100 or commission	Jan. 1, 1889	
26	Little Bras d'Or. 350 feet cable included.	8	–	M. Richards	Agent-operator	$50 or commission	Dec. 1, 1912	
27	North Sydney	4½	–	W. U. Tel. Co	Agent	50 p.c. and 25 p.c. commission.	May 9, 1905	The commission is 50 p.c. on local business and 25 p.c. on through messages, and covers supervision of line and office accommodation at North Sydney
				A. B. McDonald	General inspector	$1,800		
				C. W. McKee	District superintendent for all lines in Cape Breton.	$792		
		175	1¼					

Miles wire, 175; cable, 1¼; poles, 144.

MONEY POINT BRANCH.

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Salary per annum.	Date of Appointment.	Memo.
1	Bay St. Lawrence	0	0					This line was established and is being operated by telephone in the interest of the Signal Service.
2	Bay St. Lawrence Beach	1½	–					
3	Cape North Light (Money point)	5½	–	Norman McLeod			June 1, 1909	
4	Cape North Fog Alarm (Money point)	1	–	Stanley Hackett				
	Wire,	8 Poles, 8.						

ST. PAUL'S ISLAND BRANCH.

	Bay St. Lawrence	0	0					
	St. Paul's Island	3	20	A. J. McLeod	Agent-operator	$50	Dec. 1, 1919	Operated by telephone.
		3	20					

Miles wire, 3; poles, 3; cable, 20.
Rate to St. Pauls Island, 60 & 4 from North Sydney, Cape Breton.

BAY ST. LAWRENCE-HAWKESBURY SECTION.

0	Bay St. Lawrence	0	0	(*See* North Sydney Line).				
1	Meat Cove	7¼	–	" "				
2	Cape St. Lawrence	4	–	Mrs. S. C. McLellan	Agent-operator	$50 or commission	Jan. 1, 1904	The commission is 25 p.c. on all business to and from the office in each instance, said commission guaranteed to be not less than at the rate of $50 per annum.
	Half-way	1½	0					
	Poulet's Cove	5½	–					
3	Pleasant Bay	8	–	A. McLean	Agent-operator	$50 or commission	Sept. 1, 1907	
	Barren	10	–					
4	Cheticamp (Eastern harbour)	10	–	M. S. Aucoin	Agent-operator	50 p.c. commission	Aug. 3, 1905	
5	Grand Etang	8	–					Closed March, 1905.
6	Margaree Harbour	8	–	A. B. C. McLean	Agent-operator	$240 without commission.	Oct. 20, 1896	
7	Margaree Forks	8	–	Jessie McDougall	Agent-operator	$50 or commission	Sept. 10, 1908	
8	N.E. Margaree (loop wire)	10	–	Mrs. J. D. Ross	Agent-operator	$100 or commission	Feb. 1, 1898	
9	S.W. Margaree	4	–	Mrs. Mary Collins	Agent-operator	$75 or commission	Feb. 1, 1898	
	To loop	12	–					
10	Inverness (loop wire)	8	–	Mary McAulay	Agent-operator	$480 without commission	Aug. 1, 1908	
11	Strathlorne (Willow Bank)	3	–	Miss Jean McLean	Agent-operator	$50 or commission	Nov. 1, 1908	
12	Mabou	9	–	Mrs. M. McDonald	Agent-operator	$168 without commission.	April 1, 1887	
13	Port Hood	10	–	D. J. McDonald	Agent-operator	$100 or commission	July 1, 1903	
14	Smith's Id. (on loop)	2¼	1	R. Smith	Agent-operator	$50 or commission	Nov. 1, 1907	

15	Henry Id. (on loop)	2	1½	Miss C. McLennan	Agent-operator	$50 or commission	Nov. 8, 1907	
	To Port Hood	4¼	2½					
16	Judique	10	–	Mrs. S. McDonald	Agent-operator	$50 or commission	July 1, 1904	
17	Craignish (Craigmore)	8	–	Mary K. Cameron	Agent-operator	$50 or commission	Nov. 1, 1903	
18	Port Hastings	10	–	Mrs. A. Petrie	Agent-operator	$50 or commission	Aug. 2, 1912	
19	Hawkesbury	3¾	–	Mrs. E. M. McDonald	Agent-operator	$324 without commission.	Nov. 1, 1903	
	Total	166½	5					

Miles of wire, 166½; miles of cable,; 5 miles of pole line, 150.

HAWKESBURY-SCATARIE ISLAND SECTION.

0	Hawkesbury	0	0	*See* Bay St. Lawrence Line.				
1	Cleveland	8	–	Mrs. W. E. Morrison	Agent-Operator	$50 or commission	Nov. 17, 1915	The commission is 25 p. c. of the Government line tolls, and is guaranteed to amount to not less than $50 per annum. Where 50 p.c. commission is paid there is no guarantee as to amount.
2	Grand Anse	10	–					Closed March 1, 1918.
3	River Bourgeois	8	–					Closed August 31, 1919.
4	St. Peters	6	–	J. E. Campbell	Agent-operator	$100 or commission	June 30, 1912	Main battery at St. Peters.
5	Rockdale	4	–	Evelyn Lafford	Agent-operator	$50 or commission	April 26, 1913	
	To loop	2¾	–					
6	L'Ardoise (loop)	½	–	M. E. Sampson	Agent-operator	$50 or commission	Mar. 20, 1912	
7	Grand River	7	–	Mrs. A. Finlayson	Agent-operator	$200 or commission	June 1, 1903	Repeating office.
8	L'Archeveque	6	–	Mrs. Wm. Kemp	Agent-operator	$50 or commission	June 1, 1912	
9	St. Esprit	7	–	Mrs. J. D. Morrison	Agent-operator	$50 or commission	Sept. 1, 1906	
10	Framboise	7	–	Mrs. K. A. Strachan	Agent-operator	$50 or commission	Nov. 5, 1914	
11	Fourchu	6	–	D. A. McLean	Agent-operator	25 p.c. commission	Nov. 1, 1913	
12	Gabarus Lake	8	–	Mrs. H. McDonald	Agent-operator	$50 or commission		
	To loop	8	–					
13	Gabarus (loop)	3	–	Christina A. Grant	Agent-operator	$480	June 16, 1904	Repeating office. Automatic repeaters for North Sydney line. $3 per month in winter for attending fire. Rent allowance $75 per annum.
14	Louisburg	11	–	D. S. Hooper	Agent-operator	$600	Sept. 1, 1920	
15	Big Lorraine	3	–	M. P. Dowd	Agent-operator	25 p.c. commission	Jan. 15, 1913	
16	Little Lorraine	4	–	Rosie Gallant	Agent-operator	25 p.c. commission	April 1, 1915	
17	Baleine	2	–	Mrs. H. Leahy	Agent-operator	25 p.c. commission	July 1, 1913	
18	Main-à-Dieu	4	–	Mrs. Jas. MacDougall	Agent-operator	25 p.c. commission	Feb. 4, 1912	This section of line changed from telegraph to telephone, June 19, 1912.
	To cable	1	–					
19	Scatarie Island West	–	3½					Closed.
20	East Harbour Scatarie	3½	–	Jas. Wadden	Agent-operator	25 p.c. commission		
21	East Scatarie	3¾	–	Mrs. T. Nearing	Agent-operator	25 p.c. commission	May 20, 1912	
		123½	3½					

Miles wire, 123½; miles cable, 3½; poles, 121¾ miles.

BADDECK-NYANZA-N.E. MARGAREE SECTION (Telephone Line).

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
	Baddeck Telegraph Office	0	0					*See* Baddeck-Little Narrows line. On poles of Baddeck-Little Narrows line.
	Nyanza (1 mile West of Junction)	7	–					
1	West Side (Lower)	5	–	Thos. McRae	Agent-operator	25 p.c. commission	Sept. 2, 1914	
2	Middle River	3½	–	Rod Nicholson	Subscriber	$9 rental	Feb. 17, 1919	
3	Upper Middle River	1½	–	Duncan McLennan	Agent-operator	25 p.c. commission	Sept. 3, 1914	
4	Finlayson	4	–	A. J. McInnes	Agent-operator	25 p.c. commission	April 1, 1918	
5	Harvard Lake	4	–	J. R. Miller	Agent-operator	25 p.c. commission	Mar. 27, 1917	
6	N.E. Margaree	4	–	M. M. Murphy	Subscriber	$13.50 rental	Jan. 23, 1919	
	(¼ mile loop)	2	–	P. P. Hannington	Subscriber	$9 rental	Mar. 27, 1919	
7	N.E. Margaree Telegraph Office	2	–					*See* N.E. Margaree-Big Intervale Line Switching office.
		Wire, 33; poles, 25½.						

BADDECK-LITTLE NARROWS-WASHABUCK-GRASS POND SECTION (Telephone Line).

1	Baddeck Telegraph Office	0	0					*See* North Sydney-Mcat Cove line.
2	Baddeck, McDonalds	2	–	Alex. Y. McDonald	Accommodation	25 p.c. commission	Mar. 26, 1917	Section.
3	Nyanza	6	–	Mrs. M. McRae	Agent-operator	25 p.c. commission	Sept. 2, 1914	
4	Middle River Indian Reservation	1	–	J. R. McRae	Agent-operator	25 p.c. commission	Dec. 21, 1915 and May 1, 1918	
5	St. Patrick's Channel, North Side	1	–	Murdoch Matheson	Agent-operator	25 p.c. commission	Sept. 8, 1914	
6	Bucklow	4	–	Malcolm Matheson	Agent-operator	$50 or commission	Oct. 8, 1914	
	To Cable Landing	5½	–					
7	Little Narrows	–	¼	D. B. McKay	Agent-operator	25 p.c. commission	Sept. 10, 1914	
8	Washabuck Bridge	6	–	J. D. McRitchie	Agent-operator	25 p.c. commission	Sept. 11, 1914	
	Washabuck Govt. Wharf	1	–					Closed Jan. 1, 1918.
9	Washabuck Centre	5	–	Alex. McNeil	Agent-operator	25 p.c. commission	July 16, 1914	
10	Gillis Point East	3	–	J. R. Morrison	Agent-operator	25 p.c. commission	Sept. 21, 1915	
11	McNeil's Vale	¾	–	D. E. McNeil	Agent-operator	25 p.c. commission	Sept. 21, 1915	
12	Gillis Point	2½	–	M. A. McNeil	Agent-operator	25 p.c. commission	Sept. 21, 1915	
13	Grass Pond	1½	–	N. M. McNeil	Agent-operator	25 p.c. commission	Sept. 21, 1915	
		Wire, 39¼; poles, 39¼; cable, ¼ knot.						

INVERNESS-STRATHLORNE-SCOTTSVILLE SECTION (Telephone Line).

	Inverness	0	0	*See* Bay St. Lawrence-Hawkesbury Section.				
1	Strathlorne	2½	–	D. A. Campbell	Agent-operator	25 p.c. commission	Jan. 16, 1918	
2	Kenloch	1½	–					Closed May 25, 1920.
3	North Lake Ainslie	3¼	–	Neil McDonald	Agent-operator	25 p.c. commission	Nov. 3, 1915	
4	North Ainslie	2½	–	J. J. Dunbar	Agent-operator	25 p.c. commission	Dec. 30, 1913	
5	Scottsville	2	–	*See* S.W. Margaree-Orangeville Line				Switching office for S.W. Margaree-Whycocomagh line.
		Wire, 11¾; poles, 11¾.						

NORTH EAST MARGAREE-BIG INTERVALE SECTION (Telephone Line).

1	N.E. Margaree	0	J. M. Smith	Agent-operator	25 p.c. commission	Dec. 30, 1913	Switching office for Middle River and Baddeck line.
2	N.E. Margaree Telegraph Office	1	M. Ross	Agent-operator	25 p.c. commission	Dec. 30, 1913	
3	Frizzleton (Main Line)	2	C. Carmichael	Subscriber	$9 rental	Dec. 31, 1918	
4	Frizzleton (1 mile spur)	1	Horton E. Ross	Subscriber	$9 rental	June 5, 1919	
5	Frizzleton (Ross extension)	½	S. A. Fraser	Subscriber	$9 rental	Jan. 7, 1920	
6	Frizzleton (all spur)	1	Richard Austin	Subscriber	$9 rental	Jan. 7, 1920	
7	Frizzleton Main Line	1	Ralph McPherson	Agent-operator	25 p.c. commission	Nov. 3, 1915	
8	Frizzleton ½ Mile Spur	2½	Alfred McDonald	Subscriber	$9 rental	Sept. 15, 1920	
9	Frizzleton Main Line	2	Miss M. J. Macdonald	Subscriber	$9 rental	Sept. 15, 1920	
10	Rivulet (all spur)	¼	Geo. McDearmid	Subscriber	$9 rental	Jan. 7, 1920	
11	Govt. Fish Hatchery	2	D. McDearmid	Agent-operator	25 p.c. commission	Dec. 20, 1912	
12	Kingross (Main Line)	2¾	D. W. Murray	Subscriber	$9 rental	June 3, 1919	
13	Big Intervale (Main Line)	1¼	Roy McKenzie	Agent-operator	25 p.c. commission	Dec. 30, 1913	

Wire, 17¼; Poles, 17¼.

WHYCOCOMAGH-BUCKLOW (Telephone Line).

	Whycocomagh Telegraph Office	0	*See* S.W. Margaree-Whycocomagh Line				Switching office for S.W. Margaree.
1	Whycocomagh Bay	3½	A. McLeod	Agent-operator	25 p.c. commission	Mar. 26, 1917	
2	Whycocomagh, North Side	1	N. Matheson	Subscriber	$9 rental	April 8, 1920	
3	Whycocomagh	½	J. D. McFadden	Accommodation	25 p.c. commission	Jan. 22, 1914	
	Little Narrows Road Jct	2					1½ miles to Little Narrows cable.
	Bucklow	4	*See* Bucklow-Grand Narrows-Grass Pond line.				Switching office for Baddeck and Washabuck line.

Wire, 11; Poles, 11.

SOUTHWEST MARGAREE-WHYCOCOMAGH-ORANGEDALE SECTION (Telephone Line).

1	S.W. Margaree Telegraph Office	0	*See* Bay St. Lawrence-Hawkesbury Section.				
2	S.W. Margaree	2	A. S. McDougall	Agent-operator	25 p.c. commission	Dec. 30, 1913	
3	Scottsville	6	L. E. McKay	Agent-operator	25 p.c. commission	Dec. 30, 1913	Switching office for Inverness line.
4	East Lake Ainslie	4	D. McKinnon	Agent-operator	25 p.c. commission	Dec. 30, 1913	
5	East Lake Centre	4½	Howard McKinnon	Agent-operator	25 p.c. commission	Jan. 16, 1917	
6	Trout River	3½	L. A. McKay	Agent-operator	25 p.c. commission	July 1, 1917	
7	South Lake Ainslie	3½	J. R. McMillan	Agent-operator	25 p.c. commission	Jan. 22, 1914	
8	Ainslie Glen Branch	2	D. McNeil	Agent-operator	25 p.c. commission	Jan. 22, 1914	
9	Stewardale	3	D. H. McDonald	Agent-operator	25 p.c. commission	Jan. 22, 1914	
10	Whycocomagh	2	H. N. McDonald	Subscriber	$9 rental	Oct. 2, 1918	
11	Whycocomagh Telegraph Office	–	Angus McLeod	Agent-operator	25 p.c. commission	Jan. 22, 1914	Switching office for Bucklow line.
12	Iron Mines	4					Closed Nov., 1918.
13	Orangedale	4					Closed April 13, 1918.

Wire, 38½; Poles, 38.

NORTH SYDNEY-ESKASONI-GRAND NARROWS SECTION.

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
	North Sydney	0						
1	Leitches Creek	3½		J. D. McCormack	Agent-Operator	$50 or commission	Feb. 28, 1913	
2	Steel's Crossing (Loop)	24		Ronald Campbell	Agent-operator	$50 or commission.	July 24, 1915	
3	French Vale (5¾ on Gabarus poles)	7½		D. T. McKay	Agent-operator	$50 or commission	Nov. 29, 1915	
4	Gillis Lake	5		Margaret McLean	Agent-operator	$50 or commission	July 13, 1913	
5	East Bay	4		Miss M. L. McNeil	Agent-operator	$50 or commission	Aug. 1, 1913	
6	McAdam's Lake (Loop)	5		Miss Lena McInnis	Agent-operator	$50 or commission	Nov. 1, 1919	
7	North Side East Bay	6		Jas. J. Gillis	Agent-operator	$50 or commission	Jan. 15, 1907	
8	Eskasoni	5		Rose McAdam	Agent-operator	$50 or commission	May 31, 1916	
9	Castle Bay	6		Miss C. McInnes	Agent-operator	$50 or commission	Aug. 18, 1912	
10	Benacadie Pond	5		J. N. McNeil	Agent-operator	$50 or commission	Mar. 20, 1909	
11	Benacadie	5		G. Farrell	Agent-operator	$50 or commission	Mar. 20, 1909	
12	Piper's Cove	2		Katie McNeil	Agent-operator	$50 or commission	Mar. 20, 1909	
13	Grand Narrows	4		M. L. McNeil	Agent-operator	$50 or commission	May 1, 1910	
		Wire, 82; Poles, 64¾.						

LITTLE BRAS D'OR-ALDER POINT-SYDNEY MINES SECTION.

1	Little Bras d'Or	0	0	*See* Meat Cove section				
2	Alder Point (Loop)	5	–	Mrs. Maud Stubbert	Agent-operator	$50 or commisson	May 7, 1919	The commission is 25 p.c. of the Government line tolls guaranteed to amount to not less than $50 per annum.
3	Florence	5	–				Vacant.	
4	Sydney Mines (Loop)	2½	–	Miss M. Hall	Agent-operator	25 p.c. commission	June 4, 1920	
5	North Sydney	3	–	*See* Meat Cove section.				
		Wire, 15½; poles, 11¼.						

NORTH SYDNEY-BOULARDERIE-BIG BRAS D'OR SECTION.

	Little Bras d'Or	0	0	*See* Meat Cove section.				
1	Groves Point	3	–	Rod Campbell	Agent-operator	$50.00 or commission	Dec. 18, 1912	1 mile on M.C. poles.
2	Black Brook	3	–	Neil McNeil	Agent-operator	$50.00 or commission	Feb. 14, 1917	
3	Boularderie West	4	–	M. R. McIntyre	Agent-operator	$50.00 or commission	Jan. 1, 1907	
4	S.S. Boularderie	3	–	Donald McRae	Agent-operator	$50.00 or commission	Jan. 1, 1907	
5	Point Clear	4	–	Mrs. J. M. McDonald	Agent-operator	$50.00 or commission		
6	Upper Kempt Head	7	–	Chas. Kemp	Agent-operator	$50.00 or commission		
7	Ross Ferry	6½	–	Mrs. J. F. McKenzie	Agent-operator	$50.00 or commission	Oct. 1, 1911	
8	Boularderie Centre	6	–	Mrs. J. B. McKenzie	Agent-operator	$50.00 or commission	Oct. 6, 1904	
9	Big Bras d'Or	7½	–	*See* Meat Cove line.				
		Wire, 44; poles, 43.						

GRAND NARROWS-SHENACADIE-BEAVER COVE SECTION (Telephone Line).

1	Grand Narrows Hotel	0	0	E. A. McNeil	Agent-operator	25 p.c. commission	Oct. 10, 1916	
2	Grand Narrows Telegraph Office	1	–	H. C. McNeil	Agent-operator	$50 or commission	April 21, 1915	
3	Christmas Island	2	–	Rev. A. R. McDonald	Agent-operator	25 p.c. commission	June 12, 1918	Wire from Grand Narrows.
4	Big Beach	3½	–	P. M. McDonald	Agent-operator	25 p.c. commission	June 12, 1918	Hotel to telegraph office on poles of Eskasoni telegraph line.
5	Big Beach Shenacadie	2	–	A. McDougal	Agent-operator	25 p.c. commission	June 16, 1915	
6	Shenacadie	1½	–	J. P. McKinnon	Agent-operator	25 p.c. commission	Nov. 9, 1914	
7	Beaver Cove	7	–	Don. McNeil	Agent-operator	25 p.c. commission	Nov. 9, 1914	

Wire, 17; poles, 16.

BROOK VILLAGE-GLENDALE SECTION (Telephone Line).

1	Brook Village	0	0	D. C. McKay	Agent-operator	25 p.c. commission	March 7, 1917	
2	Brook Village Telegraph Office	1	–	Leo Jamieson	Agent-operator	$100	Dec. 13, 1915	Wire from McKays to telegraph office, Brook village, on poles of Strathlorne telegraph line.
3	Mull River	4	–	D. S. McDonald	Agent-operator	25 p.c. commission	Dec. 13, 1915	
4	Mitchells Farm	3	–	Jno. McDonnell	Agent-operator	25 p.c. commission	Nov. 7, 1918	
5	Glencoe Mills	3	–	Dan. H. McDonnell	Agent-operator	25 p.c. commission	Dec. 13, 1915	
6	Upper Glencoe	5	–	Hugh McEachern	Agent-operator	25 p.c. commission	Dec. 13, 1915	
7	Melford	3	–	Mrs. Flora McDonald	Agent-operator	25 p.c. commission	Sept. 16, 1916	
8	River Dennis	3	–	John A. Cameron	Agent-operator	25 p.c. commission	Dec. 13, 1915	
9	Glendale	9	–	Alex. H. Boyd	Agent-operator	25 p.c. commission	Dec. 13, 1915	

Wire, 31; poles, 30.

NORTH SYDNEY-GABARUS SECTION.

	North Sydney		0					
1	Leitches Creek	3½	0	*See* Eskasoni-Grand Narrows Section.				
2	Balls Creek	5½	–				Closed Apr. 1, 1913	
3	Marion Bridge	17½	–	Austin Morrison	Agent-operator	$50 or commission	Aug. 2, 1912	
4	Gabarus (Hawkesbury pole line 3 miles)	12	–	*See* Hawkesbury line.				

Wire, 38½; poles, 35½.

GRAND RIVER-GABARUS SECTION.

	Grand River	0	0	*See* Hawkesbury line.				
	To Loop	7	0					
1	Grand River Falls (Loop)	3	0	Mrs. R. J. McLeod	Agent-operator	$50 or commission	Aug. 4, 1916	
2	Loch Lomond	5½	–	Evelyn C. McLeod	Agent-operator	$50 or commission	Oct. 20, 1919	
3	Enon	4	–	Arch. D. Morrison	Agent-operator	$50 or commission	Mar. 21, 1912	
4	Big Glen	5	–	R. McVicar	Agent-operator	$50 or commission	Jan. 21, 1915	
5	Salmon River	11	–	Mrs. C. F. McDonald	Agent-operator	$50 or commission	Aug. 4, 1914	
6	Victoria Bridge	8	–	Mrs. A. McKinnon	Agent-operator	$50 or commission	Oct. 18, 1910	
7	Gabarus (North Sydney line poles 2½ miles)	5	–	*See* Hawkesbury line.				

Wire, 48½; poles, 44½.

CAPE BRETON LINES

Divisions and mileage of General Lineman

No.	Office	Intermediate Mileage		Name	Postion	Rate per Annum	Date of Appointment	Memo
		Wire	Cable					
	Inverness			P. A. Doyle		$900.00	Feb. 1, 1912	
	Meat Cove-Inverness	104¼	104¼					
	N.E. Margaree—Big Intervale	14½	14½					
	N.E. Margaree—County Line	7	7					
	S.W. Margaree—East Lake Ainslie and Wyhcocomagh	30½	30½					
	Inverness—Scottsville	11¾	11¾					
		Wire, 168: poles, 168.						
	Port Hastings			J. F. McMillan		$900.00	May 17, 1910	
	Inverness—Hawkesbury	53¾	53¾					
	Port Hood Islands	8½	8½					
	Strathlorne—Brook Village							
	Wycocomagh—Orangedale	8	8					
	Wycocomagh—Little Narrows	8	8					
	Brook Village—Glendale	32	32					
	Bucklow—Little Narrows to Washbuck and Grass Pond	25½	25½					
		Wire, 169¼: poles, 169¼.						
	North Sydney			Joseph Logue		$900.00	Jan. 1, 1906	
	North Sydney—Big Bras d'Or	12½	12½					
	North Sydney—Leitches Creek	5¾	5½					
	Leitches Creek—Steeles Crossing	28	14					
	North Sydney—Eskasoni and Narrows	53	47¼					
	North Sydney—Alder Point and Little Bras d'Or	14	12					
	Eskasoni—Line loop to McAdams Lake	5	2½					
	Little Bras d'Or—Boularderie and Big Bras d'Or	44	44					
	Little Bras d'Or—Boularderie and Big Bras d'Or	44	44					
	Grand Narrows—Beaver Cove	17	17					
		Wire, 179¼: poles, 155.						
	Baddeck, Victoria County			G. B. Dunlop		$900.00	Oct. 28, 1914	
	Meat Cove to Big Bras d'Or, including Baddeck loop line (18 miles)	168¾	150¾					
	Bay St. Lawrence—Money Point	8	8					
	Heils Harbour—White Point	6¼	6¼					
	South Gut to Monroes Point (loops)	10	5					
	Baddeck—Nyanza—Upper Middle River—County line	25	25					

	Baddeck—Nyanza, 2nd Wire	8	–				
	Nyanza—Bucklow—LittleNarrows Road	10	10				
	Wire, 236: poles, 205.						
	Louisburg			D. S. Hooper		$900.00	July 12, 1912
	Sydney—Gabarus	25	25				
	Gabarus—Fourchie	16	16				
	Gabarus—Enon	11	11				
	Louisburg—Gabarus	11	11				
	Louisburg—Scatarie	25	25				
	Wire, 106: poles, 106.						

Tariff rate tolal offices in Cape Breton—20 and 1 from North Sydney.

Rate to all offices on Cape Breton lines 20 and 1 from North Sydney, C.B.

CAPE SABLE SECTION

1	Barrington	0					This lie has been leased to the Barrington Telephone Company on August 12, 1897. The lease is terminable at any time.
2	Newelton (includihg 1½ knots cable)	11					
3	Capee Sable Island lighthouse (including ¼ mile cable)	6¾					
		17¾					

EAST COAST SECTION

N.B.—In connection with the Signal Service, a land line, 208 miles in length, was erected in 1881, between Canso and Halifax, for a bonus of $16,000, and is maintained and operate by the Western Union Telegraph Company, without further cost to the Government.

Omittedet from previous reports

The following cable connections were completed by the S.S. "Tyrian" in 1914:

	Knots of Cable
May 16 Prospect Point to Near Seal Island, D.S.	15.38
Shore End at Seal Island	0·26
May 18 Point Purgatory to Cape Negro Island, D. S	1·21
Cape Blanche to Half Moon Island, D.S.	1·43

19—7

CHATHAM-ESCUMINAC, N.B., (Telephone Line).

No.	Office	Intermediate Mileage		Name	Position	Rate per Annum	Date of Appointment	Memo
1	Chatham	0	0	G.N.W. Telegraph Co	Agent		May 30, 1920	Miss Sivewright resigned.
	Chatham			M. Ramsay	Lineman	$900.00	Aug. 25, 1913	
2	Lower Nappan	7	–	Wallace Campbell	Agent-operator	25 p.c. commission	Oct. 1, 1913	
3	Point au Carr	4	–	E. H. Russell	Agent-operator	25 p.c. commission	Oct. 1, 1913	
4	Victoria	3	–	Jas. McDonald	Agent-operator	25 p.c. commission	Oct. 1, 1913	
5	Hexham	1	–	M. J. McDougall	Agent-operator	$50.00 or commission	July 1, 1901	
6	Bayside	2	–	H. T. Smith	Agent-operator	25 p.c. commission	Oct. 1, 1918	
7	Baie du Vin	2	–	S. B. Williston	Agent-operator	$50.00 or commission	Oct. 1, 1913	
8	Hardwicke	7	–	Mrs. M. Bremner	Agent-operator	$50.00 or commission	Aug. 1, 1891	
9	Bay Ste. Anne	7	–	A. Savoie	Agent-operator	25 p.c. commission	Nov. 1, 1913	
10	Escuminac	3	–	D. Lewis	Agent-operator	$50.00 or commission	Sept. 1, 1885	
11	Point Sapin	8½	–	Peter Robichaud	Agent-operator	25 p.c. commission	Oct. 1, 1913	
12	Paturels	1¾	–	E. Paturel	Accommodation		April 5, 1919	
13	Loggies	¼	–	W. S. Loggie & Co	Agent-operator	25 p.c. commission	Nov. 1, 1913	
14	Gionais	¾	–	A. Gionais	Accommodation		April 19, 1916	
15	Savoies	¼	–	Rev. N. B. Savoie	Agent-operator	25 p.c. commission	Oct. 1, 1913	
16	Lower Sapin	1¼	–	A. Mazerolle	Accommodation		Feb. 13, 1917	
17	"			H. A. Robichaud	Accommodation		Feb. 13, 1917	
18	Kouchibouguac	16	–	W. S. Loggie & Co	Agent-operator	25 p.c. commission	Aug. 28, 1919	
		61¾	–					
	2nd Wire Hardwicke to Point Sapin	23¾	–					
		Wire, 88½; poles, 64¾.						
	Branches.							
	Hexham	0	0					
19	Little Branch	2	–	F. A. Fowlie	Agent-operator	25 p.c. commission	Jan. 19, 1917	
		2	–					
	Baie du Vin	0	0					
20	Baie du Vin Wharf	1	–	B. Williston	Agent-operator	25 p.c. commission	April 13, 1915	
21	Baie du Vin River	3½	–	E. D. Gulliver	Agent-operator	25 p.c. commission	June 5, 1919	
	¼ mile on main line poles	4½	–					
	Main line east of Baie du Vin	0	–					
	Gregans P.O.	½	–	A. L. Gregans	Agent-operator	25 p.c. commission	Sept. 20, 1916	
		½	–					
	Hardwicke	0	–					
22	Willistons	¾	–	B. Williston	Agent-operator	25 p.c. commission	Dec. 27, 1917	
		¾	–					

23	Eel River	3½	–	E. Theriault	Agent-operator	25 p.c. commission	April 15, 1919	Transferred from H. Schoefild's residence.
24	Azayouf	½	–	C. Azayouf	Agent-operator	25 p.c. commission	April 13, 1915	
		4	–					
	Escuminac	0	–					
25	Point Escuminac	6½	–	K. R. McLennan	Agent-operator	$50 or commission	Nov. 1, 1893	
26	Lower Escuminac	4	–	Louis Jimmo	Agent-operator	25 p.c. commission	April 13, 1915	
		10½	–					

Wire, 21½; poles, 21½.

Tariff rate to all offices on Chatham-Escuminac line—15 and 1.

GOVERNMENT TELEGRAPH SERVICE, BAY OF FUNDY, N.B.—GRAND MANAN AND CAMPOBELLO ISLANDS.

CABLE NO. 1.—TELEPHONE CIRCUIT.

	Grand Manan.							
1	Flaggs Cove to	Land lines	Cables.	J. R. Parker A. Gilmore	Dist.-Supt. Agent-operator	$600 60	May 14, 1912 Dec. 1, 1894	
2	Long Eddy Hut	3	–					
3	Herring Cove Hut	–	12					
4	Welchpool Hut	4¾	–	E. G. Mitchell	Agent-operator	25 p.c. commission	May 1, 1905	
5	Dunn's Beach Hut	¼	–					
6	Bucknams Hd	–	1¾					
7	Eastport	1	–	Gov't. Branch Lines operated in conjunction with Grand Manan Telephone Co. as follows				
	Across Lubec Channel	–	¼					
	Flagg's Cove.							
8	Loop to Castalia Loop	2½	–					
	Exchange (1) (2) (3)	–	–					
	Castalia Ex	–	–					
	South Head	14¾	–					
		26¼	14					
	Branch.							
	Seal Cove to Cable Box	–	–					
9	Seal Cove	½	–					
10	Wood Island	1	1¼	E. P. Green	Agent-operator	25 p.c. commission	Nov. 7, 1910	
11	Wood Island	–	–	A. Wilcox	Agent-operator	25 p.c. commission		
12	Wood Island	–	–	C. Wilcox	Agent-operator	25 p.c. commission		
13	Little W. Island	1	¾	Eugene Wilcox	Agent-operator	25 p.c. commission	Nov. 1914	
14	L. S. Station Island	–	–	M. F. Dept.	Agent-operator	25 p.c. commission	May 1914	
15	Three Sister Island	–	3¼	H. Ingalls	Agent-operator	25 p.c. commission	May 24, 1916	
16	Kent Island	1½	–	M. Ingalls	Agent-operator	25 p.c. commission	May 24, 1916	
	Kent Id. to Hay Id	–	¼					
17	Gannet Rock	¾	4½	M. and F. Dept.	Agent-operator		Nov. 1910	
		4¾	10					
	Branch.							
	Seal Cove	–	–					
18	Mrs. Fraser's	¼	–	Mrs. R. Fraser	Agent-operator	$50	Jan. 1, 1906	
19	C. Russell	1	–	C. Russell	Agent-operator	25 p.c. commission	May 1916	
20	Deep Cove	1	–	C. Dalzell	Agent-operator	25 p.c. commission	June 1913	
21	South Head	3¼	–	T. Foster	Agent-operator	25 p.c. commission	Dec. 1, 1910	

GOVERNMENT TELEGRAPH SERVICE, BAY OF FUNDY, N.B.—GRAND MANAN AND CAMPOBELLO ISLAND—*Concluded.*

CABLE NO. 1.—TELEPHONE CIRCUIT—*Concluded.*

No.	Office.	Intermediate Mileage.		Name.	Position.	Salary per Annum.	Date of Appointment.	Memo.
	Branch.							
22	Grand Harbour	–	–	C. A. Newton	Agent-operator	$75	April 1, 1887	
23	Grd. Hbr. Light	3¼	¼	M. and F. Dept.	Agent-operator		1908	
24	Cheneys Island	1	⅛	S. E. Russell	Agent-operator	25 p.c. commission	Feb. 1, 1891	
25	White Head	1½	¾	Mrs. H. Leary	Agent-operator	$50	July 1, 1910	
	Branch.							
	Woodwards Cove	–	–					
26	Nantucket	1	1	J. Moses	Agent-operator	25 p.c. commission	May 1, 1913	
27	Duck Island	¾	1¼	M. and F. Dept.	Agent-operator		May 1, 1913	
		13	3¾					

CABLE NO. 2.—TELEGRAPH CIRCUIT.

1	Flagg's Cove	–	–	J. R. Parker	Distr.-Supt.	$600	May 14, 1912	
2	Whale Cove	1 (Loop)		A. Gilmore	Repairer	60	Dec. 1, 1894	
3	Meadow Brook	–	10¼					
4	Welchpool	6¾	–	Mrs. E. G. Mitchell	Agent-operator	210 and commission	May 1, 1905	
5	Dunns Beach Hut	¼	–					
6	Bucknams Head Hut	–	1¾					
7	Western Union	1¼	–	W. H. DeLaney	Agent-operator	200	Feb. 1, 1917	
	Flaggs Cove	–	–					
8	Castalia Office	2½	–	Geo. E. Dalzell	Agent-operator	25 p.c. commission	June 1, 1898	
9	Woodwards Cove	3½	–	W. A. Fraser	Agent-operator	50 p.c. commission	Feb 28, 1893	
10	Grand Harbour	2	–	C. A. Newton	Agent-operator	$75	April 1, 1887	
11	Seal Cove	4½	–	J. A. Ingersoll	Agent-operator	75	Sept. 22, 1899	
		21¾	12					

(1) A separate wire leads from Castalia exchange to Seal cove from where it branches to Gannet rock making additional wire mileage of 9½

(2) Also to Grand harbour where it branches to Whitehead making an additional 5

(3) Also to Woodwards cove where it branches to Big Duck Island, making an additional 3

17½

Tariff between Campobello and Eastport 20 and 1: between Grand Manan and East port, 30 and 2: between Flaggs Cove and all other points, 20 and 1. Night letter rate, 20 for first 50words and each additional 10 words, 4 cents: days letter rate, first 50 words 30 and each additional 10 words, 6 cents.

Total, 65¾ Miles Pole Line; 77½ Miles Wire; 39¼ Miles Cable.

MAGDALEN ISLANDS SYSTEM.

1	Amherst Harbour	–	–	Miss J. Shea	Agent-operator	$100 and commission.	Oct. 1, 1882	The commission is 25 per cent on all business to and from the office in each instance; said commission guaranteed to be not less than at the rate of $50 per annum.
	To Loop	4½	–	Wm. Renaud	Lineman	$180	June 9, 1908	
2	Aurigny (On Loop)	2¼	–	L. P. Gaudet	Agent-operator	50 or commission		
3	Amherst Lighthouse	2	–	Wm. Cormier	Agent-operator	50 or commission	June 11, 1881	
	To Main Line	4½	–					
	To Cable	2¼	–					
	Cable	–	6½					
4	Etang du Nord Village	1½	–	H. Binet	Agent-operator	50 or commission	Dec. 1, 1900	
5	Etang du Nord Lighthouse (On Loop).	1½	–	N. Arsenault	Agent-operator	50 of commission	Sept. 1901	
	To Main Line	1½	–					
6	Grindstone	7	–	A. Arsenault	Lineman	$672	Sept. 1, 1915	
7	Grindstone West	1	–	J. J. LeBourdais	District Superintendent	1,020	May 25, 1904	
				E. LeBourdais	Agent-operator and Assistant.	360	June 21, 1919	
	To Cable (On Loop)	¼	–					
	Cable (On Loop)	–	½					
8	House Harbour (On Loop)	2¼	–	C. Delaney	Agent-operator	50 and commission	June 1, 1888	
9	Pointe Basse (On Loop)	3	–	H. Arseneau	Agent-operator	50 or commission	Aug. 1, 1902	
10	South Beach (On Loop)	3	–	F. Boudreau	Agent-operator	50 or commission	Aug. 1, 1919	
	To Main Line	8½	–					
	Cable	–	½					
	To Loop	2¼	–					
11	Cap Verte (On Loop)	¾	–	J. Richard	Agent-operator	50 or commission	Oct. 1, 1914	
	To Main Line	¾	–					
12	Wolfe Island	12	–	D. Hebert	Agent-operator	25 p.c. commission		
13	Grosse Isle	11¼	–	N. Clarke	Agent-operator	$600	June 1, 1888	
				J. Quinn	Operator	430	Dec. 1, 1902	
				S. Clarke	Lineman	180	April 1, 1912	
14	Old Harry	9	–	Lottie V. Clarke	Agent-operator	$ 50 or commission	Mar. 8, 1907	
15	Grand Entry	5¼	–	F. B. Poirier	Agent-operator	25 p.c. commission	June 1, 1920	
16	Grand Entry Point	–	–					
17	Grande Ruisseau	–	–	A. Arseneau	Agent-operator	25 p.c. commission		
18	Etang des Caps	–	–	E. Gallant	Agent-operator	25 p.c. commission	Dec. 1, 1918	
19	Muck Cove	–	–	C. Doyle	Agent-operator	25 p.c. commission	Dec. 1, 1918	
	Cable Connections	–	–					
	Grosse Isle	–	–					
	Old Harry (Wire Only)	9	–					
	Bryon Island		11					
20	Bryon Island East	1	–	C. Dingwall	Agent-operator	$150	Jan. 1, 1903	
21	Bryon Island Lighthouse	3½	–	Ed. Richard	Agent-operator	50	Nov. 1, 1918	
	Amherst	0	–					
	Entry Island	–	6¾					
22	Entry Island Lighthouse	2	–	E. Chenell	Agent-operator	15		
	Old Harry	–	–					
	Meat Cove (Cape Breton)	–	55					
	Total	102	80¼					

Rate to all offices on Magdalen Island 60 and 4 from North Sydney, Cape Breton.

ANTICOSTI TELEGRAPH SYSTEM.

No.	Office.	Intermediate Mileage. Wire.	Intermediate Mileage. Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
1	Fox Bay	0	–					Closed Aug. 5, 1909.
2	Heath Point	2	–	C. Hubert	Operator	$276	Aug. 1, 1900	Increased to $276, April 1, 1919.
3	South Point Lighthouse	32½	–	E. Laprise	Operator	276	July, 1, 1903	Increased to $276, April 1, 1919.
4	Shallop Creek	17½	–	P. Duguay	Lineman	792	Aug. 1, 1918	Increased to $792, April 1, 1919.
5	Salt Lake	52½	–					
6	Southwest Pt. Lighthouse	15	–	L. Lemieux	Operator	792	Dec. 1, 1918	Increased to $792, April 1, 1919.
				B. A. Lemieux.	Operator	408	July 1, 1919	
	Jupiter River	7	–					
	Otter River	17½	–					
	Beesie River	22	–					
7	Cape Eagle (Ellis Bay)	10	–	Jos. Duguay	Operator	792	June 20, 1906	Increased to $792, April 1, 1919.
8	West Point Lighthouse	9	–	Alf. Malouin	Dist. Supt	576	Aug. 1, 1900	
				Alf. Malouin	Operator	276	Aug. 10, 1881	Increased to $276, April 1, 1919.
				L. Malouin	Operator	792	June 1, 1907	Increased to $792, April 1, 1919.
9	English Bay	3	–	P. H. Vincent	Operator	792	Jan. 1, 1919	Increased to $792, April 1, 1919.
				H. Malouin	Lineman	792	Sept. 10, 1909	Increased to $792, April 1, 1919, From Mechastic Bay to South West Point.
	Mechastic Bay (cable landing)	14½	–					
	Total	223½	–					
10	L'Anse a Fougere	–	–	Thos. Dupuis	Agent	17		Special allowance for cable terminus. A testing office only.
11	Gaspe Basin	28	–	J. J. Annett	Operator	960	Increased to $960, April 1, 1919.	Transfer office. Connection with Great North Western Telegraph System.
		28	–					

Rate to all offices on Anticosti Island 60 and 4 from Gaspe, Que.

Southwest Point connects with L'Anse a Fougere, Gaspe, by cable, 41¼ knots; and from Mechastic Bay connection is made with Long Point of Mingan, by cable, 21 knots.

MURRAY BAY–BERSIMIS WEST SECTION.

1	Murray Bay	0	–	Mrs. F. Vincent	Agent-operator	$ 276	April 1, 1885	
2	Cap a l'Aigle	4	–	Miss J. Breher	Agent-operator	100	Sept. 1, 1918	
3	St. Fidele	6	–	R. Dallaire	Agent-operator	50 or commission	April 1, 1912	
			–	A. Villeneuve	Lineman	554	Feb. 1, 1913	
4	Port au Persil	7	–	Miss W. McLaren	Agent operator	50 or commission	June 1, 1919	
5	Cape Salmon Light (loop)	2	–	J. Bouchard	Agent operator	50 or commission	April 1, 1910	
6	St. Simeon	4	–	J. Tremblay	Agent operator	100 and 25 p.c. commission	Mar. 6, 1917	
7	Baie des Rochers	12	–					Closed Oct. 19, 1919.
8	St. Catharines Bay	18	–	Miss G. Boulianne	Agent-operator	324	Nov. 6, 1918	
	To Cable Landing	½	–	G. Boulianne	Lineman	564	Nov. 1, 1886	
	2 Cables		2½					
9	Tadoussac	1	–	Eug. Caron	Agent-operator	576	Nov. 1, 1888	
10	Bergeronnes	10	–	Mde. M. Savard	Agent-operator	50 or commission	April 1, 1885	

11	Bon Desir	5	–	Mde. E. Gauthier	Agent-operator	50 or commission	Aug. 1, 1904	
12	Escoumains	12	–	J. L. Boucher	Agent-operator	50 or commission	July 1, 1920	
13	Sault au Mouton	14	–	J. E. Lavoie	Agent-operator	50 or commission	July 1920	
	Sault au Mouton	14	–	J. E. Lavoie	Agent-operator	50 and 25 p.c. commission	July 1920	
14	Mille Vaches	2	–	Mde. L. Puize	Agent-operator	50 or commission	Aug. 1, 1907	
15	Portneuf Light	11½	–	Leandre Bouchard	Agent-operator	50 or commission	July 1, 1890	
			–	E. Courbron	Lineman	564	April 1, 1888	
16	Hamilton Cove	1	–					Closed.
17	Sault au Cochon	7	–					Closed.
18	Bersimis West	31	–	Mrs. F. Miller	Agent-operator	50 or commission	1909	
			–	E. Pope	District Supt	2,400	April 1, 1885	Including general accounting and supervision of stores at Quebec.

Miles wire, 148; cable 2¼ knots; poles 147.

CHICOUTIMI-TADOUSSAC SECTION.

1	Chicoutimi	0	0	J. D. Villeneuve	Inspector	$1,044	April 1, 1906	
				T. Villeneuve	Agent-operator	$888	April 1, 1907	
				S. Lavoie	Operator	$720	Nov. 1, 1914	
				A. Laberger	Messenger	$156	Aug. 1, 1920	
				M. Desbiens	Janitress	$72	Aug. 1, 1906	
				J. Fortin	Lineman	$564	June 1, 1897	
2	Ste. Anne	2½	–	Miss A. Gauthier	Agent-operator	$50 or commission	Feb. 1, 1909	
				P. Gauthier	Lineman	$480	Feb. 1, 1904	
3	St. Fulgence	8	–	A. Bergeron	Agent-operator	$50 or commission	Sept. 12, 1919	
4	Lac Laurent	8	–					Closed.
				J. Brisson	Lineman	$480	June 1, 1906	
5	Descente des Femmes	9	–	Aug. Villeneuve	Agent-operator	$50 or commission	April 1, 1906	
6	Ste-Marguerite Depot	34	–	E. Simard	Agent-operator	$50 or commission	Aug. 1, 1909	
7	Ste-Marguerite	2	–	Alex. Savard	Agent-operator	$50 or commission	Mar. 15, 1912	
8	Sacre Coeur	8	–	Miss L. Maltais	Agent-operator	$50 or commission	April 1, 1906	
				H. Gravel	Lineman	$480	April 1, 1906	
9	Tadoussac West	11½	–					Closed.
	Tadoussac	1	–	Eugene Caron	Agent-operator			*See* Murray Bay-Bersimis section.

Wire, 84; poles, 84.

CHICOUTIMI-LAKE CLAIR SECTION.

1	Chicoutimi	0	0					
	Ste. Anne	2½	–					*See* Tadoussac section.
	Rango 6	3	–					Closed.
	Lac Charles	3	–					Closed.
	Lac Clair	4	–					Closed.
		12½	–					

BAIE ST. PAUL—CHICOUTIMI SECTION.

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
1	Baie St. Paul	0	0	F. Boivin	Agent-operator	$420 and 25p.c. commission	April 1, 1885	
2	St. Urbain	9		J. B. Simard	Agent-operator	$50 or commission		
				A. Gauthier	Lineman	$480	July 1, 1912	
3	La Galette	37	–					Closed.
4	Ferland	27½	–					Closed.
5	St. Alexis	10	–	Mrs. D. Simard	Agent-operator	$75	Nov. 1, 1899	
6	St. Alphonse de Bagotville	3	–	Mrs. C. Leveque	Agent-operator	$150	June 1, 1906	
	Chicoutimi	11½	–					*See* Tadoussac section.
		Wire, 98; poles, 98.						
	Branch Line.							
	St. Alexis	10	–					
7	St. Felix d'Otis	10	–	Jos. Thibault	Agent-operator	$50 or commission	Jan. 1, 1920	
8	L'Anse St. Jean	30	–	Eric Degagne	Lineman	$564	Sept. 1, 1903	
9	Petit Saguenay	8	0	N. Tremblay	Agent-operator	$50 or commission	Sept. 1, 1903	
10	Anse Cheval	6	–					Closed.
11	St. Etienne	7	–					Closed.
	St. Catherines Bay	17						*See* Murray Bay section.
		Wire, 78; poles, 78.						

BAIE ST. PAUL—MURRAY BAY SECTION.

1	Baie St. Paul	0	0	T. Boivin				*See* Chicoutimi section.
2	St. Hilarion	15	–	N. Coulombe	Agent-operator	$50 or commission	Sept. 1, 1909	
3	St. Antoine	5	–	T. Perron	Agent-operator	$50 or commission	Sept. 1, 1915	
4	St. Agnes	9	–	J. Pilote	Agent-operator	$50 or commission	July 1, 1913	
5	Murray Bay	8	–	Mrs. F. Vincent				*See* Chicoutimi section.
		Wire, 37; poles, 37.						

BAIE ST. PAUL—PETITE RIVIERE.

	Branch.							
1	Baie St. Paul	0	–	F. Boivin				*See* Chicoutimi section.
2	Petite Riviere (St. François)	13	0	L. J. Bouchard	Agent-operator	$50 per annum	Mar. 31, 1914	
		Wire, 13; poles, 13.						

BAIE ST. PAUL–ST. PLACIDE.

	Branch.							
1	Baie St. Paul	0	0	F. Boivin				*See* Chicoutimi section.
2	St. Placide	8½	–					Closed April, 1919.
		Wire, 8½; poles, 8½.						

CHICOUTIMI–PERIBONKA SECTION.

1	Chicoutimi	0	0					
2	Rivière au Moulin	1	0	A. T. Villeneuve	Agent-operator	$50 or commission	Sept. 4, 1916	
3	St. Anne	1½	–					
	To loop	5½	–					
4	Shipshaw North (Loop)	4	–	Jos. Blackburn	Agent-operator	$50 or commission	Nov. 1, 1913	
5	Shipshaw South	1	–	P. A. Guay	Agent-operator	$50 or commission	Jan. 2, 1919	
6	St. Leonard	4	–	Geo. Gagnon	Agent-operator	$50 or commission	Sept. 1, 1903	
	To loop	2	–					
7	St. Ambroise (Loop)	8	–					Closed April, 1919.
8	St. Charles Borrommee	4½	–	B. Bouchard	Agent-operator	$50 or commission	Sept. 1, 1903	
9	Tache	7	–					Closed Oct. 1, 1918
10	St. Louis Nazaire (Loop)	2½	–					Closed July 31, 1919.
	To loop	4½	–					
11	St. Joseph d'Alma (Loop)	6	–	Gedeon Verreault	Lineman	$480	Mar. 1, 1909	
12	St. Coeur de Marie	6	0					Closed.
13	St. Henri de Taillon	6½	–	N. Larouche	Agent-operator	$50 or commission	May 1, 1913	
14	Honfleur	8	–	Chas. Lindsay	Agent-operator	$50 or commission	Jan. 1, 1909	
15	Peribonka	9	–	Mrs. E. Niquette	Agent-operator	$50 or commission	Jan. 1, 1909	
		Wire, 81; poles, 70½.						

Rate to all offices west of Bersimis and Chicoutimi lines, 30 and 2 from Quebec.

NORTH SHORE, ON ST. LAWRENCE—EAST OF BERSIMIS

	Bersimis West	0	0					
1	Bersimis East	5	–	A. Maloney	Agent-operator	$1,080	Sept. 21, 1896	Repeating office and 2 main batteries.
	"	–	–	Mrs. A. Maloney	Operator	$564	July 1, 1906	
	"	–	–	Miss A. Maloney	Operator	$408	Oct. 18, 1915	
	"	–	–	Jos. Gagnon	Lineman	$561	Aug. 12, 1906	
2	Point aux Outardes	29	–	Miss G. Ross	Agent-operator	$50 or commission	Jan. 1, 1910	
	" "	–	–	D. Malouin	Lineman	$564	June 14, 1907	
3	Point Lebel (Loop)	26	–	H. Granier	Agent-operator	25 p.c. commission	Nov. 17, 1915	Loop to Point Lebel 5 miles.
4	Manicouagan	11	–	P. Martel	Agent-operator	25 p.c.commission	Sept. 26, 1910	
5	Mistassini	22	–	W. Montreuil	Operator-lineman	$564	Oct. 23, 1908	
6	River Godbout	26	–	N. A. Comeau	Operator-lineman	$672	Oct. 15, 1885	
7	Point des Monts	18½	–	Victor Taffard	Agent-operator	$50 or commission	Dec. 28, 1883	
8	Trinity Bay West	5½	–	Jos. Poulin	Agent-operator	$50 commission	May 16, 1884	
9	Trinity Bay East	2½	–	A. Bilodeau	Agent-operator	25 p.c. commission	May 1, 1889	
10	Caribou Island	7	–	Jos. Chouinard	Agent-operator	25 p.c. commission	July 22, 1911	

NORTH SHORE OF ST. LAWRENCE—EAST OF BERSIMIS—*Concluded.*

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
11	Egg Island Light	8½	–	Mrs. E. Chouinard	Accommodation		July 22, 1911	No commission paid. Telephone with Pentecost office.
12	Point aux Anglais	2	–					Closed. Cable from Egg island.
13	Pentecost	6½	–	Jos. Picard	Agent-operator	$420	July 15, 1904	Main battery.
14	May Islands	9	–	A. Lebel	Agent-operator	$25 a year	Sept. 19, 1913	
15	Ste. Marguerite	38½	–	A. Theriault	Agent-operator	$180	July 1, 1888	
16	Clark City	5	–	North Shore Power, Railway and Navigation Co.	Agent-operator	25 p.c. commission	April 17, 1903	
17	Seven Islands	17¾		P. E. Vignault	Dist. superintendent	$1,200	Jan. 2, 1884	
				J. R. Vignault	Agent-operator	$420 and 25 p.c. commission	Oct. 15, 1917	
				P. C. Vignault	General lineman	$720	Jan. 12, 1912	
18	Moisie West	14½	–	Mrs. Chicoine	Agent-operator	$50 and 25 p.c. commission	June 1, 1906	
19	Matamek	1	–	Mrs. Hamilton	Agent-operator	$50 or commission	April 1, 1914	
20	Pigou	28	–	Mrs. P. Wright	Agent-operator	$100	Oct. 1, 1902	
				P. Wright	Lineman	$112	Oct. 1, 1902	
21	Manitou	14	–	Miss Alice Wright	Agent-operator	25 p.c. commission	Oct. 4, 1914	
22	Riviere aux Graines	15	–					Closed.
23	Shieldrake	15	–	Mrs. A. Girard	Agent-operator	$50 or commission	Dec. 1, 1904	$12 per annum office rent.
24	Thunder River	6½	–	Mrs. H. Cody	Agent-operator	25 p.c. commission	Feb. 1, 1890	$12 per annum office rent. $12 per annum care of main battery.
25	Dock	6	–	Mrs. R. Grenier	Agent-operator	25 p.c. commission	May 15, 1915	
26	Magpie	8	–					Closed.
27	St. John River	9	–	Ben Chambers	Agent-operator	$100 and 25 p.c. commission	Oct. 1, 1899	$12 per annum office rent.
28	Long Point of Mingan	10	–	J. V. Guay	Agent-operator	$846	Nov. 1, 1910	
				Mrs. J. V. Guay	Operator	$564	Mar. –, 1911	Repeating office for Anticosti cable in operation since Sept. 1, 1891, 3 main batteries. Repeaters.
29	Mingan	7	–	Mrs. C. Maloney	Agent-operator	$100	Oct. 1, 1889	
30	Point Esquimaux	24	–	Mrs. E. Cyr	Agent-operator	$288 and 25 p.c. commission	Sept. 1, 1897	Main battery. Extra allowance at Point Esquimaux: office rent, $48; fuel, $40; storage, $24.
				E. Cyr	General lineman	$672	Nov. 2, 1902	
31	Betchouan	20	–	A. Cormier	Operator-lineman	$212	Sept. 22, 1914	
32	Baie Johan Beetz	23	–	Mrs. A. Tanguay	Agent-operator	$100	1913	
				S. Tanguay	Lineman	$112	Sept. 18, 1902	
33	Watichou	15	–	Mrs. C. Bourke	Agent-operator	$100	Dec. 1, 1903	
				Jno. Bourke	Lineman	$112	Dec. 1, 1903	
34	Auganus	21¾	–	Mrs. Galant	Agent-operator	$100	Sept. 3, 1902	
				S. Galant	Lineman	$112	Sept. 3, 1902	
35	Ile Michon	3	–					Closed.
36	Natashquan	18	–	J. Walter Vignault	Agent-operator	$480	Jan. – 1913	Main Battery, $12 per annum office rent.
				C. Vignault	Lineman	$112	July 14, 1910	
37	Kegnska	33	–	Miss Anderson	Agent-operator	$100	Sept. 6, 1902	
				Geo. Anderson	Lineman	$112	Sept. 6, 1902	
38	Masquaro	18	–	Mrs. Jennis	Agent-operator	$100	April 1, 1906	
				Wm. Foreman	Lineman	$112	June 1, 1903	
39	Romaine	25	–	Mrs. A. Guilmette	Agent-operator	$100	Sept. 17, 1902	
40	Wolf Bay	24	–	Mrs. R. Jones	Agent-operator	$100	Nov. 26, 1902	
				R. Jones	Lineman	$150	Nov. 26, 1902	

41	Point au Maurier	24	–	Miss P. Galibois	Agent-operator	$112	Sept. 19, 1902	
				J. Galibois	Lineman	$112	Sept. 19, 1902	
42	Harrington	20	–	Mrs. Jones	Agent-operator	$150	Sept. 20, 1902	
				J. Jones	Lineman	$112	Sept. 20, 1902	
				J. L. Osborne	General lineman	$672	Nov. 6, 1910	
43	Whale Head	17	–					Closed.
44	Mutton Bay	20	–	A. Desjardins	Agent-operator	$756	Nov. 25, 1918	
45	Ha Ha Bay	27	–	Mrs. J. Monger	Agent-operator	$100	June 14, 1904	
				J. Monger	Lineman	$112	June 14, 1904	
46	St. Augustine	27	–	C. F. Johnson	Operator-lineman	$212	Sept. 1, 1913	Hudson's Bay Co. Post.
47	Chicatica Bay	24	–	Miss Esther Robin	Agent-operator	$100	June 30, 1906	
				Geo. Robin	Lineman	$112	June 30, 1906	
48	Rocky Bay	15	–	Jas. Kennedy	Operator-lineman	$212	July 27, 1911	
49	Old Fort Bay	15	–	J. Fequet & Son	Agent-operator	$50	Mar. 29, 1911	
50	Bonne Esperance	7	–	Miss Chevalier	Agent-operator	$100	Oct. 2, 1902	
				J. Chevalier	Lineman	$100	Oct. 2, 1902	
51	Brador Bay	29	–	A. Blais	Agent-operator	25 p.c. commission	May 11, 1915	
				Cyrille Joncas	Lineman	$100	Oct. 10, 1909	
				A. Cormier	General lineman	$672	Aug. 18, 1910	
52	Long Point of Blanc Sablon	3	–	Mrs. A. Cormier	Agent-operator	$100	Sept. 1, 1911	
53	Blanc Sablon	3	–					Closed.
54	Forteau Bay	13	–	A. Hart	Operator-lineman	$212	July 19, 1902	
55	Point Amour	17	–	J. Whyatt	Operator-lineman	$100 and 25 p. c. commission	Dec. 1, 1919	Main battery allowance $50 per annum.
56	West St. Modeste	16	–	Jas. Bolger	Operator-lineman	$212	Oct. 5, 1902	
57	Red Bay	13	–	Miss Moore	Agent-operator	$100	Oct. 9, 1902	
				G. Moore	Lineman	$112	Oct. 9, 1902	
58	Chateau Bay	30	–					Closed.
		918½	–					

Rate to all Offices East of Bersimis 50 and 3 from Quebec.

QUEBEC—GROSSE ISLE QUARANTINE (TELEGRAPH SYSTEM)

1	Quebec	0	–	Great North Western Telegraph Co.	Agent	$185		This amount is paid for supervision of the line and covers rent of pole line from Quebec to L'Ange Gardien for which $35 per annum is charged.
	L'Ange Gardien	13	–					
	Orleans Island Cable Landing	–	¾					
2	St. Pierre	½	–	E. Gendron	Agent-operator	$50 or Commission	Dec. 1, 1920	The Commission is 25 p.c. of the Government line proportion of receipts guaranteed to amount to not less than $40 per annum.
3	St. Petronille	3½	–	Miss Anna Paxuet	Agent-operator	$50 or commission	Nov. 1, 1919	
4	St. Laurent	6½	–	M. Gobeil	Agent-operator	$50 or commission	Sept. 15, 1888	
5	St. Jean	7	–	P. Pouliot	Dist. Supt.	$1,248 and 25 p.c. commission	Nov. 1, 1907	For local Agency.
6	Ste. Famille Loop	1	–	Miss M. Premont	Agent-operator	$50 or commission	June 1, 1917	
7	St. Francois	6¾	–	Arthur Lemelin	Agent-operator	$50 or commission	Aug. 1, 1916	
8	St. Francois North Loop To	10	1	Jos. Asselin	Agent-operator	$50 or commission	April 1, 1912	
	Cable Landing	1½	–					
	Isle aux Reaux	–	2					
	On Isle aux Reaux	2½	–					
9	Grosse Isle	1½	2	A. Dancause	Agent-operator	$720	Nov. 1, 1912	Increased to $720, April 1, 1919. $12 per annum for care of main battery.
		63	4¾					

Miles wire, 63: cable, 4¾: poles, 40.

ORLEANS ISLAND AND QUARANTINE TELEPHONE LINE

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
							Vo.....	Connecting with the Bell TelephoneCo's. lineatL' Ange Gardien Exchange at Ste. Petronille.
	To Cable Landing	¾	¾					
	Orleans Island	–	¾					
	Second Cable	–	¾					
1	St. Pierre	¼	–	F. Cote	Agent-operator	$ 50 or commission	July 1, 1911	
2	St. Petronille	6½	–	Miss Anna Paxuet	Agent-operator	$324	Nov. 1, 1919	$6 monthly allowance for messenger.
3	St. Laurent	13	–	Mdme. V. Pouliot	Agent-operator	$ 50 or commission	Dec. 1, 1918	
4	St. Jean	14	14	P. Asselin	Agent-operator	$100 or commission	Dec. 28, 1919	
5	Ste. Famille			Jos. Premont	Agent-operator	$ 50 or commission	Dec. 1, 1910	
6	St. Francois	13½	–	Xavier Lepage	Agent-operator	$ 50 or commission	July 1, 1912	
7	St. Francois North	10	–	F. Lessard	Agent-operator	$ 50 or commission	Dec. 1er 191	
	To Cable Landing	1¼						
	Isle Aux Reaux	–	2½					
	On Isle aux Reaux	2ĉ	-					
	Grosse Isle	1ĉ	2	A. Dancause	Agent-operator	*See* Quarantine Telegraph line		
	Cliff Island	–	1ĉ					
	Margaret Island	–	6					
	On Margaret Island	1	–					
8	Crane Island	–	2ĉ	Hector Lavoie	Agent-operator	$ 50 or commission	Feb. 1, 1912	
	On Crane Island	3	8	F. Painchaud	Accomodation		Feb. 1, 1912	
				O. Gagne	Accomodation		Feb. 1, 1912	
				N. Vezina	Accomodation		Feb. 1, 1912	
				C. P. Roy	Accomodation		Feb. 1, 1912	
				Jos. Lemieux	Accomodation		Feb. 1, 1912	
				D. Vezina	Accomodation		Feb. 1, 1912	
				Jos. Lachaine	Accomodation		Feb. 1, 1912	
9	Goose Island	9ĉ	–	E. Bernier	Accomodation		Nov. 1, 1913	
				Alf. Roy	Accomodation		Nov. 1, 1913	
				H. Vaillancourt	Accomodation		Nov. 1, 1913	
	Crane Island to Montmagny	–	5					Connecting at Montmagny with the Bell Telephone Co.
		87	14ĉ					

Miles wire, 87; cable, 14ĉ; poles, 53.

Rate to all offices, Quarantine Line, 30 and 2 from Quebec.

QUEBEC COUNTY LINES—CHARLESBOURG—LAKE BEAUPORT—LAKE ST. CHARLES

	Quebec			The Bell Telephone Co.				
1	Riviere Jaune	0	–	Mrs. A. Michaud	Exchange operator	$792		
2	Lake Beauport	7½	–	Mrs. J. Bigouette	Agent-operator	25 p.c. commission	Dec. 27, 1913	1½ miles on leased poles.

3	Lake Beauport West	3 –	Mrs. Brown	Agent-operator	25 p.c. commission	Jan. 18, 1914	
4	Lake St. Charles	2½ –	L. P. Verret	Agent-operator	25 p.c. commission	Nov. 4, 1914	
		Wire, 13: poles, 11½.					

QUEBEC—STONEHAM AND BRANCHES

	Quebec						
	Riviere Jaune	0 –	The Bell Telephone Co.				
5	Stoneham	14 –	J. Corrigan	Agent-operator	$ 50	Nov. 4, 1914	
6	Martineau Mills	3 –	A. Martineau	Agent-operator	25 p.c. commission	Nov. 1, 1914	
		17 –					

RIVIERE JAUNE—TEWKESBURY AND BRANCHES

0	Riviere Jaune	0 –					
7	Tewkesbury	19½ –	W. Boyd	Agent-operator	25 p.c. commission	Nov. 8, 1913	
		19½ –					

RIVIERRE JAUNE—DONNACONA

0	Riviere Jaune	0 –					
	Stoneham Junction	8 –					
		8 –					

QUEBEC—BEAUPORT—LAVAL—BOURG ROYAL

	Quebec						
0	Beauport	0 –	The Bell Telephone Co.				
1	St. Therese	2 –	N. Bedard	Agent-operator	25 p.c. commission	Jan. 1, 1912	
2	Bourg Royal	4 –	Dr. Faucher	Agent-operator	25 p.c. commission		
3	Vallieres	5½ –	A. Valliere	Agent-operator	50 p.c. commission	Feb. 1, 1910	
4	Laval	7½ –	Mrs. Fouchette	Agent-operator	$ 50	Feb. 1, 1910	
		19 –					
		Total wire, 76½: poles, 61.					

Rate, Quebec to Laval, 15 and 1. Quebec to all other offices, 20 and 1.

TIMISKAMING DISTRICT (Telephone Line).

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
1	Kippewa Dam	0	0	M Denis	Agent-operator	25 p c commission	Nov 1, 1912	
2	Mazenod	10	–	G. Denis	Agent-operator	25 p.c. commission	Feb. 1, 1920	
3	Fabre	6	–	J. Pellerin	Agent-operator	25 p.c. commission	April 6, 1916	
4	Ville Marie	13	–	J. E. Morisette	Agent-operator	$50 or commission	Mar. 1, 1918	
	"	–	–	J. E. Brault	Accommodation	25 p c. commission	June 2, 1918	
	"	–	–	R. C. Parker	Accommodation	25 p.c. commission	Mar. 1, 1919	
	"	–	–	J. Dumulon	Local superintendent	$864	Nov. 13, 1911	Expenses while out on repair work.
5	Lorrainville	5	–	R. Larouche	Agent-operator	25 p.c. commission	Oct. 1, 1919	
6	St. Eugene	13½	–	J. A. Rheault	Agent-operator	25 p.c.commission	Nov. 12, 1919	
7	Quinze Dam	9	–	L. Dale	Agent-operator	25 p.c. commission	Feb. 1, 1919	
	"	–	–	D. Morris	Accommodation			
8	Lalement	8	–	E. Pleau	Agent-operator	25 p.c. commission	June 1, 1918	
9	North Timiskaming	10	–	Miss McKenzie	Agent-operator	$75	July 15, 1920	
		Wire, 74½; Poles, 74½.						
	Branches.							
	Ville Marie	0	0					
10	Laverlochere	3½	–	Mrs. L. Dagenais	Agent-operator	25 p.c. commission	June 1, 1918	
11	Fugerville	7	–	J. Angers	Agent-operator	25 p.c. commission	Dec. 1, 1919	
12	Riordon Depot	7	–	J. A. Brodie	Agent-operator	25 p.c. commission	Dec. 1, 1919	
13	Latulippe	5	–	P. Richard	Agent-operator	25 p.c. commission	June 1, 1918	
14	" Rheaults	2	–	J. C. Rheault	Agent-operator	25 p.c. commission	Jan. 24, 1917	
		Wire, 24½.						
	Lorrainville	0	0					
15	St. Placide	5	–	J. Desallier	Agent-operator	25 p.c. commission	April 1, 1917	
		Wire, 29½; Poles, 29½.						

Tariff rate from North Timiskaming 25 and 1.

QU'APPELLE-ONION LAKE SECTION.

1	Qu'Appelle	0	E. P. Benoit	Agent-operator	120	Jan. 1, 1911
2	Ft. Qu'Appelle	17	P. R. Elmer	Agent-operator	1,260	Aug. 16, 1906
	Ft. Qu'Appelle		D. Sutherland	Lineman	1,260	Dec. 1, 1909
	To loop	10				
3	Kutawa	45	A. V. Lindeburgh	Agent-operator	1,260	July 1885
4	South Humboldt	78	H. J. Macdonald	Agent-operator	1,260	1899
	To loop	58½				
5	Saskatoon	14	J. H. Murphy	Agent-operator	1,560	Jan. 18, 1913
	Saskatoon		G. T. Clement	Lineman	1,320	Oct. 16, 1903
	Saskatoon		C.P.R.	Messenger	120	May 1, 1911
6	Henrietta	30	A. Parnham	Lineman	1,260	Jan. 23, 1917
7	Baljennie	34	D. E. Buck	Agent-operator	1,260	Mar. 10, 1916

8	Battleford	21	J. T. Callahan	Agent-operator	1,560	Oct. 2, 1898	
	Battleford		G. T. Brown	Relieving-operator	1,680	April 1, 1902	
	Battleford		H. C. Rogers	Lineman	1,320	1911	
	Battleford		E. Hitchins	Messenger	420	Oct. —, 1918	
	Battleford		J. D. Noel	Dist. superintendent	1,800	Mar. —, 1897	
	Battleford		J. A. Mason	Clerk	1,440	May 4, 1916	
9	Delmas	18	Mrs. M. Langlois	Agent-operator	1,260	Aug. 20, 1917	
10	Bresaylor	10	A. M. Allen	Agent-operator	1,260	Oct. 3, 1919	Vice Mrs. Cairns, resigned;
11	Big Gully	32	J. A. McCartney	Agent-operator	1,260	Aug. 4, 1917	
	To loop	51½					
12	Lloydminster	29	H. G. Miller	Agent-Operator	1,380	Feb. 3, 1917	
	Lloydminster		G. G. Mann	Lineman	1,260	July 14, 1902	
	To main line	29					
13	Onion Lake	13	H. McCleneghan	Circuit manager	1,560	Aug. 1, 1885	
	Onion Lake		Miss R. McCleneghan	Operator	960	Sept. 6, 1914	
		490					

BATTLEFORD-ISLE-LA-CROSSE SECTION.

1	Battleford	0					
2	North Battleford	4	C. Potter	Agent-operator	1,560	Mar. 25, 1920	Vice A. H. Elliott, resigned
	North Battleford		Miss B. Wright	Messenger	420	Sept. —, 1917	
3	Cochin	21	P. O. Bonenfant	Agent-operator	1,260	May 1, 1915	
4	Meota	10	F. W. Hearn	Agent-operator	1,260	Aug. 20, 1913	
	To main line	10					
5	Glaslyn	30	J. Davidson	Agent-operator	1,320	Dec. 1, 1915	
6	Meadow Lake	66	J. R. McCordic	Agent-operator	1,380	Aug. 9, 1912	
7	Green Lake	44	G. M. Regan	Agent-operator	1,440	July 1, 1916	
8	Isle-la-Crosse	113	V. Gauthier	Agent-operator	1,440	Sept. 25, 1915	
		298					

WOOD MOUNTAIN-MOOSEJAW SECTION.

1	Moosejaw	0	F. J. Colmer	Agent-operator	1,560	Nov. 1, 1912	
	Moosejaw		C.P.R.	Messenger	120	July 1, 1911	
	Moosejaw		C.P.R.	Battery	120	Feb. 1, 1912	
2	Expanse	39	M. L. Brown	Agent-operator	1,260	July 23, 1916	
	Expanse		C. H. R. Clark	Lineman	1,260	Aug. 7, 1913	
	To loop	25					
3	Gravelbourg	19	J. A. Hamelin	Agent-operator	1,260	Aug. 21, 1910	
	To main line	19					
4	Limerick	13	A. Gosnell	Agent-operator	1,260	Dec. 8, 1917	
	To loop	3					
5	Assiniboia	14	R. Hodgson	Agent-operator	1,260	Aug. —, 1912	
	To main line	14					
6	Wood Mountain	27	J. H. Thomson	Agent-operator	1,260	May 1, 1889	
	Wood Mountain		F. Brown	Lineman	1,260	July 1, 1903	
7	Willow Bunch	39	M. A. Noel	Agent-operator	1,260	Oct. 20, 1904	
		212					

SASKATCHEWAN TELEGRAPH LINES

New rates in operation, June 14th, 1920

From Saskatoon to:—							
Qu'Appelle	30 and 2	Ft. Qu'Appelle	30 and 2	Kutawa	30 and 2	South Humboldt	30 and 2
Saskatoon	0	Henrietta	30 and 2	Baljennie	30 and 2	Battleford	30 and 2
Delmas	30 and 2	Bresaylor	40 and 3	Lloydminster	30 and 2	Onion Lake	45 and 3
North Battleford	30 and 2	Meota	30 and 2	Cochin	40 and 3	Glaslyn	40 and 3
Meadow Lake	40 and 3	Green Lake	60 and 4	Isle-la-Crosse	60 and 4		
From Moose Jaw to:—							
Expanse	30 and 2	Gravelbourg	30 and 2	Limerick	30 and 2	Assiniboia	30 and 2
Willow Bunch	30 and 2	Wood Mountain	30 and 2				

NORTHWEST LINES—ALBERTA.

No.	Station.	Intermediate Distance.	Name.	Position.	Salary per Annum.	Date of Appointment.	Memo.
					$		
	Onion Lake	0					Sask. Division.
1	Frog Lake	23	E. A. Bowtell	Agent-operator	1,080	Mar. 1, 1911	
2	Mooswa	14	A. Bowtell	Agent-operator	1,260	Dec. 1, 1907	
3	Elk Point	21½					Closed.
4	St. Paul	19½	J. A. Gagnon	Agent-operator	1,260	May 1, 1910	
5	Saddle Lake	18	F. C. Gaylor	Agent-operator	1,260	April 1, 1919	
6	Pakan	39	R. McAdam	Agent-operator	1,260	Feb. 1, 1905	
	To loop	5					
7	Andrew	5	R. L. Pickell	Agent-operator	1,260	Jan. 1, 1913	
			C. W. Brereton	Lineman	1,260	May 1, 1918	
	Andrew to main line	5					
	To loop	23					
8	Lamont	3½	W. Valliant	Agent-operator	1,260	Nov. 1, 1914	
	To main line	3½					
9	Fort Saskatchewan	24	W. G. Shera	Agent-operator	1,080	July 1, 1912	
10	Edmonton	18	P. R. Campbell	Agent	1,680	July 24, 1914	
			G. D. Shaw	Operator	1,500	April 11, 1919	
			R. Berry	Operator	1,500	April 1, 1917	Transferred from Peace River.
			H. Hunt	Chief clerk	1,680	Aug. 1, 1908	
			M. Baker	Telegraph book-keeper	840	Aug. 15, 1919	New appointment; J. McLean retired.
			J. Saidler	Lineman	1,120	June 1, 1914	
			R. Thoman	Messenger	540	May 1, 1919	
			J. Bowie	Messenger	540	Oct. 1, 1919	
			L. Clarke	Messenger	540	Jan. 1, 1920	
			R. C. Macdonald	Superintendent	2,300	Oct. 1, 1905	
			J. S. Macdonald	General inspector	1,500	June 1, 1905	
		222					

EDMONTON—PEACE RIVER LINE

0	Edmonton		Preceding table				
1	Halfway Lake	49					Office closed.
2	Athabasca	49	L. Boyles		1,200	Oct. 27, 1917	W. J. Amell, resigned.
			F. Pettiford	Lineman	1,080	Dec. 1, 1914	
			A. Parry	Lineman	1,080	April 1, 1912	A. W. Cass, resigned.
3	Mirror Landing	70	C. Meriweather		1,140	Oct. 8, 1918	A. Parry, transferred.
4	Sawridge	38	T . Rookes		1,080	April 17, 1916	..
			W. Schank	Lineman	1,080	Aug. 14, 1917	G. Blackwell, transferred.
5	Giroux Bay	39					Office closed.
6	Indiana	21					Office closed.
7	Grouard	18	C. C. Moore		1,140	Feb. 15, 1917	C. A. Burpee, resigned.
			G. Blackwell	Lineman	1,200	April 1, 1916	Transferred from Sawridge.
8		83	R. Berry		1,200	April 1, 1917	C. P. Samwell, resigned.
			C. D. Shaw		1,140	Mar. 1, 1918	
			P. Anderson	Lineman	1,140	Oct. 23, 1912	
			W. Woltenholme	Messenger			
					540	Feb. 1, 1919	J. Burnett, resigned.
9	Vanrena	62					Office closed.
10	Dunvegan	12	R. H. Al Neilsen		1,140	July 5, 1918	A. Vaillancourt, resigned.
			E. G. Morrison	Lineman	1,080	May 7, 1918	L. Steen, resigned.
11	Spirit River	15	E. W. Hall		1,080	April 11, 1919	R. A. Correll, resigned.
	To Loop	53					
12	Gd. Prairie	8	J. H. Byrne		1,200	Sept. 2 , 1912	
			L. Conners	Messenger	420	Nov. 1, 1918	J. Murray, resigned.
	To Main line	8					
13	Lake Saskatoon	8	A. J. H. Roland		1,080	Mar. 1, 1918	G. Coleman, resigned.
			W. Lovell,	Lineman	1,080	June 1, 1914	
14	Beaver Lodge	12	A. C. Egan		1,140	April 1, 1918	B. Lee, resigned.
15	Pouce Coupe	63	A. G. McCartn ey		1,200	Sept. 26, 1912	J. J. Dever, resigned.
16	Ft. St. John	70	J. C. Barber		1,200	June 15, 1917	W. J. Reid, resigned.
			L. Maguire	Lineman	1,140	May 1, 1916	
17	Hudson Hope	62	R. P. White		1,200	Dec. 1, 1915	R. M. Osborne at front.
			J. D. Cadenhead	Lineman	1,080	Dec. 16, 1915	
		740					

ATHABASCA—FORT McMURRAY

0	Athabasca		*See* Peace River Line				
1	CallingRiver	39	E. W. Hall		1,320	April 12, 1919	J. Peers, tfd.
2	Pelican	61	A. McLean		1,320	July 1, 1919	W. Hood, resigned.
			C. F. Somers	Lineman	1,260	Dec. 15, 1919	
3	House River	55	W. J. Lee		1,320	Jan. 5, 1914	
			F. Taylor	Lineman	1,260	Sept. 1, 1915	
4	Fort McMurray	90	J. Manning		1,440	May 15, 1919	
			F. Goodwin	Lineman	1,320	April 10, 1919	C. N. Hayes, resigned.
		245					

ATHABASCA—LAC LA BICHE LINE

No	Stations.	Intermediate Distance.	Name.	Position.	Salary per Annum.	Date of Appointment.	Memo.
					$ cts.		
0	Athabasca						
1	Plamondon	58	L. G. Picard		1,260	July 15, 1916	
2	Lac La Biche Mission	12	Father Le Goff		25 p.c. Receipts and checks		
3	Lac La Biche	8	P. D. Hamel		1,260	July 6, 1918	E. A. Goddard, retired.
		78					

BRANCH TELEPHONE LINES

	Edmonton	0					This line was built in 1904 and is being operated from the Central Telephone office in Edmonton.
1	Winterburn	8½					
2	Indian Agency	5½					
3	Spruce Grove	8					
4	Stony Plain Centre Station	6½					
5	Stony Plain Centre	3½					
		32					
	Edmonton	0					This line has been in operation to St. Albert since 1887 and to Alexandre since 1902 and is operated from the centre Telephone office in Edmonton.
1	St. Albert	9					
2	Ray	12					
3	Riviere-qui-Barre	8					
4	Alexandre	5					
		34					

SADDLE LAKE LINE

	Saddle Lake	0					This line was built in 1900 for the use of the Department of Indian Affairs exclusively.
1	Industrial School	6½					
		6½					

GROUARD—PRAIRIE RIVER (Telephone Line)

0	Grouard	0					This line was built in 1912 and 1913. The telephones are installed at a rental basis to the parties named at $15 per annum conditionally that they are
1	B. A. See	3					
2	M. Ouilettes	5					
3	P. Tomkins	4					

4	D. S. Hayden	8					also intended for the usee of the public when wishing to reach our Grouard office, for which a charge of 10 cents will be made. There are also 17 phones in the town of Grouard which pay an annual rental of $10.
5	Mr. McQue	5					
6	S. Harris	1					
7	O. D. Hill	2					
8	G. Martin	3					
9	J. Bennie	1					
10	L. Becker	2					
11	W. Lesage	3					
12	R. C. Mission	½					
13	Dom. Land Office	½					
14	W. McLeod	½					
		38½					

PEACE RIVER—SHAFTSBURY TELEPHONE LINE

0	Peace River	0					This line was built in 1911. The telephones are installed on a rental basis of $15 per annum, conditionally that they are also intended for the use of the public when wishing to reach our Peace River office for which a charge of 10 cents will be made.
1	Collins	3					
2	R. C. Mission	5					
3	A. Brick	6½					
4	English Church Mission	½					
		15					

ST. PAUL DE METIS—DURLINGVILLE (Telegraph Line).

0	St. Paul de Metis		*See* Main line				
1	Rife	24	E. O. Boyd		1,080	Nov. 26, 1912	
2	Bonnyville		E. L. Dussault		840	Aug. 19, 1913	
3	Durlingville	18	G. Hebert		840	Oct. 8, 1917	L. T. McLeod, resigned.
		48					

ALBERTA LINES

Rate from Edmonton

Frog Lake, Alta	45 and 3	Mooswa, Alta	45 and 3	St. Paul de Metis, Alta.	45 and 3	Rife, Alta	45 and 3
Bonnyville, Alta	45 and 3	Durlingville, Alta	45 and 3	Saddle Lake, Alta	45 and 3	Pakan, Alta	30 and 2
Andrew, Alta	30 and 2	Lamont, Alta	30 and 2	Fort Saskatchewan, Alta	30 and 2	Athabasca, Alta.	30 and 2
Mirror Landing, Alta	30 and 2 to	Sawridge, Alta	35 and 2	Grouard, Alta	60 and 4	High Prairie, Alta	50 and 3
Little Prairie, Alta	60 and 4 meet	Peace River, Alta	60 and 4	Dunvegan, Alta	75 and 5	Spirit River, Alta	75 and 5
Grand Prairie, Alta,	90 and 6 E D	Peace River, Alta	60 and 4	Dunvegan, Alta	75 and 5	Spirit River, Alta	75 and 5
Grand Prairie, Alta	90 and 6 & B	Lake Saskatoon, Alta	90 and 6	Beaver Lodge, Alta	90 and 6	Swan Lake, B.C.	90 and 6
Pouce Coupe, B.C.	90 and 6 C	Ft. St. John, B.C.	100 and 7	Hudson Hope, B.C.	125 and 8	Plamondon, Alta.	45 and 3
Lac La Biche Mission, Alta.	45 and 3	Lac L Biche, Alta	45 and 3	Calling River, Alta	45 and 3	Pelican, Alta	60 and 4
House River, Alta	75 and 5	Ft. McMurray, Alta	75 and 5				

KAMLOOPS TO KAMLOOPS SECTION. VIA NICOLA, PRINCETON AND VERNON. 456 MILES.

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables	Name.	Position.	Salary per Month or Commission.	Date of Appointment:	Remarks.
1	Kamloops	0	0	W. H. Stevens	Superintendent	$175	Mar. 1, 1914	
				F. A. Tripp	Accountant	$135	Sept. 1914	Increase salary, April 1, '19, $15 month.
	Superintendent's office	–	–	V. L. Palmer	Clerk	$90	Oct. 1911	Increase salary, April 1, '19, $10 month.
				M. H. Palmer	Stenographer	$80	Feb. 1913	Increase salary, April 1, ' 19, $10 month.
				Vacant	Book-keeper	$85		
				Supt. office rent		$35		
				Lucy Ellis	Agent	$85	Sept. 1917	Increase salary, April 1, '19, $10 month.
				Mrs. M. Charlton	Acting telephone op'r	$65	Nov. 1919	Increase salary, April 1, '19, $5 month.
				Nora Woodburn	Acting telephone op'r.	$65	Feb. 1920	Increase salary, April 1, '19, $5 month.
	Kamloops Long Distance	–	–	Mrs. E. Baker	Night telephone op'r.	$69	Oct. 1918	Increase salary, April 1, '19, $5 month.
	Telephone and Telegraph offices	–	–	W. J. Maguire	Telegraph operator	$110	Dec. 1, 1918	Increase salary, April 1, '19, $15 month.
				Jas. Bann	Messenger	$30	Nov. 19, 1919	Increase salary, April 1, '19, $5 month.
				Telephone office	Rent	$27		
				M. T. Royds	Lineman	$110	Nov. 1913	Increase salary, April 1, 19, $10 month.
				A. J. Woodburn	Line foreman	$145	April 1915	Increase salary, April 1, 19, $10 month.
2	McLeods	8	–	W. McLeod	Agent	20 p.c. commission	Dec. 1917	
3	Bulmans	9	–	J. Bulman	Agent	20 p.c. commission	July 1909	
4	Macdonald's	5	–	J. F. Macdonald	Agent	20 p.c. commission	July 1910	
5	Stump Lake	4	–	T. McBride	Agent	20 p.c. commission	July 1910	
6	Fraser's	3	–	Geo. Fraser	Agent	20 p.c. commission	Aug. 1916	Spur 5 miles from Stump Lake.
7	Friskens	2	–	J. Frisken	Agent	20 p.c. commission	Aug. 1916	
8	Donohoe Mines	3	–	F. M. Hawkes	Agent	20 p.c. commission	Aug. 1916	Spur 1 mile.
9	Moore's Ranch	6	–	C. Kirby	Agent	20 p.c. commission	July, 1905	
10	Quilchena	9	–	J. A. Guichon	Agent	20 p.c. commission	July 1907	
11	Guichon's	3	–	Jos. Guichon	Agent	20 p.c. commission	July 1913	
12	Lauder's	5	–	Wm. Lauder	Agent	20 p.c. commission	July 1913	
13	Douglas Lake	16	–	F. B. Ward	Agent	20 p.c. commission	July 1913	
						Salary per month.		
14	Nicola	9	–	Mrs. M. V. Munroe	Agent and operator	$65.00	July 1905	Local exchange of 15 subscribers. Salary increased April 1, '19, $5 month.
				Office rent		$10 month		
15	Merritt	7	–	Miss B. Munroe	Agent and operator	$75	Oct. 1919	Local exchange of 124 subscribers. Salary increased April 1, '19 $5 month.
				E. Stephenson	Telephone operator	$65	Aug. 1916	Salary increased April, '19, $5 month.
				Mrs. E. Baxter	Night telephone oper.	$110	July 1919	Salary increased April 1, '19, $5 month.
				R. Woods	Lineman	$110	July 1919	Salary increased April 1, '19, $10 month
				Office rent		$20 month		
16	S-X-Ranch	11	–	W. Thompson	Agent	20 p.c. commission	Feb. 1914	
17	Corbett's	3	–	J. Corbett	Agent	commission	June 1917	
18	Menzies' Mills	2	–	J. Menzies	Agent	commission	June 1917	
19	Crowder's Ranch	4	–	F. W. Crowder	Agent	commission	Oct. 1911	
20	Aspen Grove	6	–	G. D. Peter	Agent	commission	Aug. 1914	*Re* W. Augstadt.
21	Portland Ranch	1	–	Delasalle & Peters	Agent	commission	Nov. 1917	*Re* O. Reinseth.
22	Hastings Ranch	6	–	Jos. Gledron	Agent	commission	Aug. 1914	
23	Canyon House	6	–	A. B. Roberts	Agent	commission	Mar. 1915	
24	Myren's Ranch	8	–	G. P. Myren	Agent	commission	Jan. 1918	
25	Otter Valley	4	–	J. G. Thynn	Agent	commission	Oct. 1917	
26	Tulameen	7	–	Jas. Schubert	Agent	commission	Sept. 1911	
27	Coalmont	4	–	I. McTavish	Agent	commission	July 1913	
28	Granite Creek	3	–	Mrs. E. W. Cook	Agent	commission	Dec. 1911	

						Salary per month.			
29	Princeton	11	-	Miss E. Campbell	Agent	$75	Sept.	1918	*Re* A. Bell, resigned. Local exchange of 80 subscribers.
				Frances Burr	Telephone operator	$65 month	Sept.	1917	Salary increased, April, '19, $5 per month.
				K. Kirkpatrick	Night telephone op'r.	$60 month	Mar.	1918	Salary increased April, '19, $5 per month.
				Vacant	Lineman	$110 month			F. Phillips, resigned.
				Office rent		$30 month			
30	Allenby	4	-	Canada Copper Co	Agent	20 p.c. commission	Nov.	1917	
31	Voigt's Camp	8	-	Mrs. M. A. Voigt	Agent	20 p.c. commisison	Jan.	1915	Spur from Princeton, 14 miles.
32	Copper Mt.	2	-	Canada Copper Co	Agent	20 p.c. commission	Nov.	1917	
33	Bromley's	12	-	Mrs. M. C. Bromley	Agent	20 p.c. commission	Oct.	1919	
34	Hedley	13	-	R. E. Baxter	Agent-operator	$65 month	Aug.	1919	Local exchange of 13 subscribers. Salary increased $5 a month, April, 1919.
35	Bradshaws'	8	-	Thos. Bradshaw	Agent-operator	25 p.c. commission	Aug.	1919	
36	Keremeos	13	-	H. C. N. Etches	Agent-operator	$75 month	Nov.	1914	Local exchange of 50 subscribers. Salary increased April, 1919, $10 month.
				Miss E. Gibson	Telephone operator	$60 month	Jan.	1920	
				Office rent		$10 month			
37	Cawston	3	-	On Keremeos Exch	Subscriber		Dec.	1916	
38	Similkameen	7	-	" "	Subscriber		Dec.	1917	
39	Olalla	2	-	Chas. Turner	Agent	20 p.c. commission		1919	
40	Cedar Creek Ranch	2	-	Mrs. J. Marsel	Agent	20 p.c. commission	Feb.	1918	
41	Springbrook Ranch	3	-	A. LeLievre	Agent	20 p.c. commission	Jan.	1917	
42	Green Mountain	12	-	Mrs. W. J. Thompson	Agent	20 p.c. commission	Jan.,	1920	
43	Malcolm Saw Mill	5	-	Malcolm Saw Mill Co	Agent	20 p.c. commission	Mar.,	1920	
44	Allan Grove	4	-	R. L. Allan	Agent	20 p.c. commission	Jan.,	1917	
45	Calla Ranch	2	-	G. Clark	Agent	20 p.c. commission	Mar.,	1917	
46	Penticton	5	-	Mrs. J. M. Johnston	Agent operator	$110	Nov.,	1908	Salary increased $15 month, April 1, 1919
				Miss C. Crowe	Asst. telegraph oper.	$ 75	Nov.,	1912	Salary increased $8 month, April 1, 1919.
				E. S. Murray	Night telegraph oper.	$ 60	Sept.,	1918	Salary increased $5 month, April 1, 1919.
				C. F. Layton	Lineman	$110	Nov.,	1911	Salary increased $10 month, April 1, 1919.
				Agnes Love	Messenger	$ 30	May,	1919	Salary increased $5 month, April 1, 1919.
				Office rent		$ 10			
47	Summerland	11	-	W. H. Hayes	Telegraph oper. agent	$ 50	July,	1916	Salary increased $4 month, April, 1, 1919.
				Office rent	(Part time)	$ 10			
48	Peachland	17	-	A. W. McDougald	Telegraph oper. agent	20 p.c. commission	Aug.,	1912	
49	Kelowna	14½	3½	E. Millie	Telegraph oper. agent	$ 75	Sept.,	1917	Salary increased $10 month, April 1, 1919.
				Office rent		$ 12			
50	Vernon	38	-	Mrs. B. Steward	Agent telegraph oper.	$110	Mar.,	1910	Salary increased $15 month, April 1, 1919.
				Miss V. Glover	Telegraph operator	$ 65	May.,	1915	Salary increased $5 month, April 1, 1919.
				Mrs. M. Sharpe	Telegraph operator	$ 60	Mar.,	1920	*Re* Blanche Steward, resigned.
				Jessie Kaufman	Messenger	$ 30	Feb.,	1920	Salary increased $5 month.
		-	-	Vacant	Lineman	$110	Feb.,	1920	R. F. Wright, deceased.
51	Lumby	16	-	Okg. Telegraph Co	Switching off				
52	Rollings Lake	1	-	Mrs. C. McDonald	Agent	20 p.c. commission	Dec.,	1914	Spur 26 miles east of Vernon.
53	Shuswap Falls	9	-	Miss F. Finlaison	Agent	20 p.c. commission	Dec.,	1914	
54	Proctor Camp	10	-	R. F. H. Proctor	Agent	20 p.c. commission	Aug.,	1919	
55	Heywoods	9	-	A. J. Heywood	Agent	20 p.c. commission	Dec.,	1916	
56	Leslies Camp	2	-	W. W. Browne	Agent	20 p.c. commission	Aug.,	1919	
57	Glenemma	2	-	K. Sweet	Agent	20 p.c. commission	Aug.,	1919	
58	Falklands	6	-	J. C. Ardern	Agent	20 p.c. commission	Feb.,	1919	Also 4 local subscribers.
59	Circle J. Ranch	10	-	J. Bulman	Agent	20 p.c. commission	July,	1917	
60	Grande Prairie	1	-	E. W. Hoole	Agent operator	$ 30	April.,	1914	Local exchange 11 subscribers changed from Com. Office to salary.
61	Holmwood	15	-	A. Duck	Agent	20 p.c.commission	Nov.,	1919	
	Kamloops	21	-						
	Total	456							

KAMLOOPS—MOUNT OLIE—NORTH THOMPSON—85 MILES.

No.	Stations.	Intermediate miles. Land	Intermediate miles. Cables Lines.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Kamloops	0	0					
62	Twenty Mile	20	–	K. G. Watson	Agent	20 p.c. commission	Jan., 1917	
63	Black Pines	2	–	A. Dobbs-Harvey	Agent	20 p.c. commission	Mar., 1916	Spur 2 miles.
64	Bingo Farm	1	–	G. Arnell	Agent	20 p.c. commission	Mar., 1916	
65	Twenty-five Mile	5	–	W. H. Dandy	Agent	20 p.c. commission	Mar., 1919	
66	Potters Flat	3	–	E. H. Jones	Agent	20 p.c. commission	Nov., 1914	
67	Saladana	5	–	Jos. Saladana	Agent	20 p.c. commission	Nov., 1917	Spur 1 mile.
68	Louis Creek	3	–	M. C. Godreau	Agent	20 p.c. commission	Nov., 1917	
69	Thirty-six Mile	1	–	W. Noble	Agent	20 p.c. commission	April, 1914	
70	Barriere	4	–	J. H. Nelson	Agent operator	$ 40	Sept., 1915	Salary increased $5 month, April 1, 1919. Also 3 local subscribers.
71	Barriere Power House	4	–	City of Kamloops	Agents	20 p.c commission	July, 1915	Spur 4 miles.
72	Borthwicks	2	–	Geo. Borthwick	Agent	20 p.c. commission	April, 1911	
73	Geniers	2	–	Mrs. A. Stevens	Agent	20 p.c. commission	June, 1913	
74	Chu Chua	12	–	Geo. Genell	Agent	20 p.c. commission	June, 1913	
75	Wincome Ranch	4	–	Geo. Borthwick	Agent	20 p.c. commission	Sept., 1915	
76	Chinook Cove	2	–	A. L. Foster	Agent	20 p.c. commission	June, 1913	
77	Smiths Ranch	3	–	J. J. Smith	Agent	20 p.c. commission	Oct., 1915	
78	Caird Ranch	2	–	F. C. Hunt	Agent	20 p.c. commission	Sept., 1918	
79	Latremouille	3	–	H. Latremouille	Agent	20 p.c. commission	Nov., 1918	
80	Mt. Olie	7	–	Miss M. Baynes	Agent	20 p.c. commission	Jan., 1917	Also 1 local subscriber.
	Total	85						

KAMLOOPS—HEFFLEY CREEK-UPPER LOUIS CREEK—53 Miles.

	Kamloops	0	0					
81	Home Farm	8	–	Austin Estate	Agent	20 p.c. commission	April, 1916	
82	Austin Farm	4	–	Austin Estate	Agent	20 p.c. commission	April, 1914	
83	Heffley Creek	3	–	F. Thornley	Agent	20 p.c. commission	Feb., 1917	
84	Bunting	1	–	Thos. Bunting	Agent	20 p.c. commission	Mar., 1917	
85	Lyons Ranch	3	–	Robt. Lyons	Agent	20 p.c. commission	June, 1917	
86	Conners	3	–	D. C. Wilson	Agent	20 p.c. commission	Dec., 1917	Spur 6 miles Sullivan Valley.
87	Bedard	3	–	A. Bedard	Agent	20 p.c. commission	Dec., 1916	
88	Devicks	3	–	A. H. Devick	Agent	20 p.c. commission	Dec., 1916	
89	Shaws	10	–	W. W. Shaw	Agent	20 p.c. commission	Dec., 1916	Spur 1½ miles.
90	Martin's Cabin	1	–	Dom. Forestry	Agent	20 p.c. commission	Aug., 1917	
91	Jagoes	10	–	J. T. B. Jagoe	Agent	20 p.c. commission	Sept., 1917	
92	McKnights	4	–	D. McKnight	Agent	20 p.c. commission	Dec., 1916	
	Total	53	–					

KAMLOOPS-SAVONAS SECTION—35 Miles.

	Kamloops	0	0						
93	Iron Mask	7	–	E. G. Walander	Agent	20 p.c. commission	Aug.,	1917	Spur 1 mile.
94	Cornwalls	4	–	Henry Cornwall	Agent	20 p.c. commission	Oct.,	1913	
95	Sugar Loaf	2	–	Buswell Bros.	Agent	20 p.c. commission	Oct.,	1917	Spur 2 miles.
96	Cherry Creek	4	–	B. C. Fruitlands Co.	Agent	20 p.c. commission	Oct.,	1914	
97	North Star Mill	2	–	North Star Lumber Co.	Agent	20 p.c. commission	June,	1919	
98	Savonas	13	–	P. Margetts	Agent	20 p.c. commission	Nov.,	1914	
99	Bakers	1	–	H. J. Baker	Agent	20 p.c. commission	April,	1919	
	(Sawanas Bridge)	2	–						
	Total	35	–						

KAMLOOPS-ROSE HILL SECTION—14 Miles.

	Kamloops	0	0						
100	Hollis Ranch	3	–	R. H. Hollis	Agent	20 p.c. commission	Sept.,	1917	
101	Daytons	2	–	Dayton Bros.	Agent	20 p.c. commission	June,	1914	
102	Rose Hill	2	–	A. McKay	Agent	20 p.c. commission	Mar.,	1911	
103	Barnharts	7	–	A. Bothamley	Agent	20 p.c. commission	June,	1911	
	Total	14	–						

KAMLOOPS-GOOSE LAKE SECTION—24 Miles.

	Kamloops	0	0						
104	Redmans	4	–	J. Redman	Agent	20 p.c. commission	Dec.,	1918	
105	Knutsford	1	–	J. S. Jones	Agent	20 p.c. commission	Dec.,	1914	
106	Goose Lake	9	–	R. Burgess	Agent	20 p.c. commission	Dec.,	1915	
107	Fish Lake	10	–	R. Cowan	Agent	20 p.c. commission	May,	1916	10 miles Dom. Forestry line, extension Goose Lake office.
	Total	24	–						

KAMLOOPS-PENES LAKE TO PRITCHARD SECTION—32 Miles.

	Kamloops	0	0						
108	Harper Ranch	10	–	Western Can. Ranching Co.	Agent	20 p.c. commission	May,	1917	
109	McGregors	5	–	McGregor Bros.	Agent	20 p.c. commission		1919	
110	Penes Lake	6	–	P. Botta	Agent	20 p.c. commission	June,	1917	
111	Warrens	8	–	Fred Warrens	Agent	20 p.c. commission	June,	1917	
112	Pritchard	3	–	W. P. Pritchard	Agent	20 p.c. commission	Mar.,	1915	
	Total	32	–						

KAMLOOPS-REVELSTOKE SECTION, VIA CHASE AND SICAMOUS.—228 MILES.

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Kamloops	0	–					
113	Poultry ranch	5	–	H. Brown	Agent	20 p.c. commission	Oct., 1913	
114	Barnhartvale	6	–	Holt, A.	Agent	20 p.c. commission	May, 1914	
115	Barnes Ranch	8	–	Geo. Barnes	Agent	20 p.c. commission	Feb., 1920	
116	Hamell Ranch	2	–	S. M. Studebaker	Agent	20 p.c. commission	Mar., 1920	
117	Ducks	2	–	A. K. Taylor	Agent	$40 month	Feb., 1916	Switching office. Also 4 local subscribers. Salary office since July 1, 1919.
118	Duck Range	10	–	Allan, Mrs. A.	Agent	20 p.c. commission	Mar., 1915	
119	Charltons	2	–	W. Charlton	Agent	20 p.c. commission	Aug., 1915	
120	Sinclair	3	–	H. Sinclair	Agent	20 p.c. commission	Mar., 1915	
121	Martin Prairie	3	–	R. H. Brett	Agent	20 p.c. commission	Mar., 1915	
122	Shuswap	15	–	A. J. Talbot	Agent	20 p.c. commission	Mar., 1915	
123	Chase	3	–	Mrs. S. H. Gordon	Agent	$65 month	Mar., 1915	Local exchange 29 subscribers. Salary increased $5 month, April, 1919. Spur from Chase 12 miles.
				Office rent		$5 month		
124	Adams Lake	12	–	On Chase Exchange	Agents		Mar., 1915	
125	Fussees Camp	15	–	Adams River Lumber Co.	Agents	20 p.c. commission	Sept., 1919	
126	McKays	3	–	A. R. McKay	Agent	20 p.c. commission	April, 1919	
127	Scotch Creek	3	–	Mrs. J. Lindsay	Agent	20 p.c. commission	Sept., 1919	
128	Acadia	2	–	J. R. Green	Agent	20 p.c. commission	Aug., 1918	
129	Celestia	8	–	J. R. Reilly	Agent	20 p.c. commission	Mar., 1915	
130	Sorrento	–	2½	F. J. Bayliss	Agent	20 p.c. commission	Mar., 1915	
131	Notch Hill	3	–	Mrs. J. Payette	Agent	20 p.c. commission	Mar., 1915	
132	Davies (lineman)	1	–	R. D. Davies	Lineman	$110	Nov., 1916	Salary increased $10 month, April, 1919.
133	Tappen	9	–	H. Calhoun	Agent	20 p.c. commission	Mar., 1915	
134	Gleneden	4	–	R. G. Kirkpatrick	Agent	20 p.c. commission	Aug., 1915	
135	Brydon Ranch	3	–	L. C. Brydon	Agent	20 p.c. commission	July, 1918	
136	Lewis Ranch	2	–	R. P. Lewis	Agent	20 p.c. commission	July, 1918	Dom. Forestry—Spur 5 miles.
137	Salmon Arm	7		Okanagan Telph. Co.	Agents	5 c. switching chgs.	June, 1917	
138	Enderby	17	–	Okanagan Telph. Co.	Agents	$10	June, 1917	
139	Sicamous	25	–	W. K. Finlayson	Agent	20 p.c. commission	Mar., 1915	
140	Solsqua	5	–	P. Gosden	Agent	20 p.c. commission	Mar., 1915	
141	Bowie	5	–	S. Ylisto	Agent	20 p.c. commission	June, 1916	
142	Malakwa	5	–	J. J. McGlone	Agent	20 p.c. commission	Mar., 1915	
143	Craigellachie	8	–	Mrs. Nellie Briggs	Agent	20 p.c. commission	Feb., 1920	Reopened.
144	Taft	3	–	C. Olson	Agent	20 p.c. commission	Mar., 1915	
145	Three Valley	11	–	A. Rutherford	Agent	20 p.c. commission	Dec., 1916	
146	Revelstoke	16	–	R. Smythe	Agent	20 p.c. commission	Jan., 1916	*Re* W. Cowan.
	Total	228						

ENDERBY-VERNON SECTION.—26 MILES.

	Enderby	0	–	Okanagan Telph. Co.	Agents	Reported		
	Vernon	26	–	Mrs. B. Steward	Agent	Reported		
	Total	26	–					

KELOWNA-WHITEMANS CREEK SECTION.—32 Miles.

	Kelowna	0	–	Reported					
147	Annamoe	3	1	Mrs. S. C. Childers	Agent	20 p.c. commission	Mar.,	1915	
148	Wilson Landing	4	–	G. C. Browse	Agent	20 p.c. commission	Mar.,	1915	
149	Secleys	2	–	R. H. L. Seeleys	Agent	20 p.c. commission	Mar.,	1919	
150	Big Horn Ranch	2	–	J. G. Perdue	Agent	20 p.c. commission	Mar.,	1919	Spur 2 miles.
151	Leneys	1	–	H. Leneys	Agent	20 p.c. commission	Mar.,	1915	
152	Nahun	1	–	B. Biggin	Agent	20 p.c. commission	Mar.,	1915	
153	Fintry	6	–	J. D. Godwin	Agent	20 p.c. commission	Mar.,	1915	
154	Johns Logging Camp	2	–	E. L. Johns	Agent	20 p.c. commission		1919	
155	Ewings	2	–	L. Richards	Agent	20 p.c. commission	Mar.,	1915	
156	Killiney	2	–	H. P. Hodges	Agent	20 p.c. commission	Mar.,	1915	
157	Greystones	1	–	Mrs. Pease	Agent	20 p.c. commission	Mar.,	1919	Reopened.
158	Whitemans Creek	5	–	V. Willett	Agent	20 p.c. commission	Mar.,	1915	
	Total	31	1						

DUCKS TO GRANDE PRAIRIE SECTION.—23 Miles.

	Ducks	0	–	Reported					
159	Sharpe & Leaders	2	–	Sharpe & Leaders	Agents	20 p.c. commission	June,	1919	
160	Murdocks Camp	2	–	Murdock Bros	Agents	20 p.c. commission	June,	1910	
161	Laylands	2	–	H. D. Laylands	Agent	20 p.c. commission	June,	1918	
162	Woodwards	6	–	J. H. Woodward	Agent	20 p.c. commission	June,	1915	
163	Thompsons Ranch	3	–	J. C. Thompson	Agent	20 p.c. commission	Nov.,	1919	
164	Summit Lake	3	–	C. Ewart	Agent	20 p.c. commission	May,	1919	
165	Rankine Camp	2	–	Rankine Bros	Agents	20 p.c. commission	June,	1919	
166	Grand Prairie	3	–						
	Total	23	–						

PENTICTON-MIDWAY SECTION VIA FAIRVIEW AND OSOYOOS.—96 Miles.

	Penticton	0	–	Reported					
167	Kaleden	8	–	A. S. Hatfield	Agent	20 p.c. commission	Oct.,	1910	Spur 1 mile.
168	Marron Lake	3	–	W. S. Parker	Agent	20 p.c. commission	Dec.,	1915	Spur 3 miles.
169	Okanagan Falls	7	–	W. B. Hine	Agent	20 p.c. commission	Oct.,	1918	
170	Parhams	8	–	G. E. Parham	Agent	20 p.c. commission		1919	
171	Vassean Lake	2	–	Mrs. K. McKenzie	Agent	20 p.c. commission	July,	1914	
172	Griffins Camp	1	–	A. E. Griffin Co	Agents	20 p.c. commission	Aug.,	1919	
173	Latimers Camp	7	–	F. H. Latimer	Agent	20 p.c. commission	Aug.,	1919	
174	Fairview	2	–	J. R. Brown	Agent	20 p.c. commission	July,	1909	
175	Osoyoos	16	–	G. S. Jermyn	Agent	Salary $5 month	Feb.,	1915	Switching office, Osoyoos-Midway.
176	Oroville	3	–	Pacific Tel. Co	Agents	20 p.c. commission	Jan.,	1916	
177	Osoyoos Lumber Co	11	–	Osoyoos Lumber Co	Agents	20 p.c. commission	Jan.,	1919	
178	Porters Saw Mill	3	–	S. C. Mitchell Co	Agents	20 p.c. commission	Mar.,	1919	
179	Sidley	1	–	J. F. Leighton	Agent	20 p.c. commission	Aug.,	1917	
180	Bridesville	3	–	Mrs. O. G. Johnston	Agent	20 p.c. commission	Mar.,	1918	
181	Rock Creek	8	–	Mrs. I. V. Shillcock	Agent	20 p.c. commission	Feb.,	1915	Switch at this point to B.C. Tel. Co. lines
182	Jacksons	10	–	J. R. Jacksons	Agent	20 p.c. commission	Feb.,	1918	
183	Midway Customs	3	–	R. D. Kerr	Agent	20 p.c. commission	Feb.,	1915	
	Total	96							

MARRITT-MAMETTE LAKE SECTION, INCLUDING CANFORD SPUR.—38 Miles.

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables	Name.	Positions.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Merritt	0	–					
184	Coutlee	3	–	H. Cleasby	Subscriber	Merritt Exchange		
185	Lower Nicola	4	–	Tipperary Ranch	Subscriber	Merritt Exchange		
186	Canford P. O.	4	–	H. T. Shelton	Agent	Merritt Exchange	Sept., 1915	
187	Steffens Ranch	19	–	F. W. Steffen	Agent	20 p.c. commission	Nov., 1916	
188	Hazelhurst Ranch	4	–	R. Hazelhurst	Agent	20 p.c. commission	July, 1917	
189	Vetlesens Ranch	1	–	G. Vetlesen	Agent	20 p.c. commission	July, 1919	
190	Mamette Lake	3	–	R. Auinville	Agent	20 p.c. commission	July, 1917	
	Total	38						

NELSON-TRAIL SECTION—75 Miles.

191	Nelson	0	0	B.C. Telephone Co.	Agents	5c. switching charge	Feb., 1915	
	Nelson			H. C. Crosby	Lineman	Salary, $110	July, 1917	Salary increased April 1, '19, $10 month.
192	Apex	6	–	S. Huddleston	Agent	20 p.c. commission	Aug., 1919	
193	Halls Siding	3	–	Mankin Lumber & Pole Co.	Agent	20 p.c. commission	April, 1916	
194	Porto Rico	4	–	Salmon Valley Lumber & Pole Co.	Agent	20 p.c. commission	April, 1916	
195	Churchill Cedar Co.	2	–	F. L., Churchill	Agent	20 p.c. commission	Feb., 1918	
196	Ymir	3	–	Mrs. A., Dowling	Agents	20 p.c. commission	Feb., 1918	
197	Boulder Sdg.	7	–	Oneil, Irvine & Mann. Ltd.	Agents	20 p.c. commission	Nov., 1919	
198	Salmo	2	–	Salmo Trading Co.	Agent	20 p.c. commission	Feb., 1915	
199	Erie	4	–	J. E. Reid	Agent	20 p.c. commission	Feb., 1915	
200	Meadows	2	–	W. J., Wilson	Agent	20 p.c. commission	Feb., 1916	
201	Park Siding	4	–	J. P. Bell	Agent	20 p.c. commission	Mar., 1918	
202	Fruitvale	2	–	R. J. Bush	Agent	20 p.c. commission	Oct., 1916	
203	Columbia Gardens	7	–	Mrs. A. Leitch	Agent	20 p.c. commission	Jan., 1916	
204	Trail	9	–	B.C. Telegraph Co.	Agent	5c. switching charge	Feb., 1915	
205	Waneta	5	–	F. Adie	Agent	20 p.c. commission	Mar., 1917	
206	Adie's Ranch	2	–	Fred. Adie	Subscriber		Mar., 1917	
207	Duncan Ranch	1	–	W. A., Duncan	Subscriber		Mar., 1917	
208	Wicks Ranch	2	–	Mrs. Wick	Subscriber		Mar., 1917	
209	Church's Ranch	4	–	A. E. Church	Subscriber		Mar., 1917	
210	Waneta Power Co.	6	–	Waneta Power Co.	Subscriber		Mar., 1917	
	Total	75						

PROCTOR-CRESTON-YAHK SECTION.—90 Miles.

211	Proctor	0	0	W. A. Ward	Agent	Salary $20 month	May, 1, 1919	Switching office to B.C. Tel. Co.
212	Kootenay Bay	2¼	2¾	W. B., Strathearn	Agent	20 p.c. commission	Mar., 1915	

213	Crawford Bay P.O.	8	–	J. E. Houghton	Agent	20 p.c. commission	Jan ,	1917	
214	Harrison's	1	–	M. J. Harrison	Agent	20 p.c. commission	Mar.	1915	
215	Crawford Bay Wharf	1	–	O. H. Burden	Agent	20 p.c. commission	Mar.,	1915	
217	Grey Creek	4	–	A. W. Lynberry	Agent	20 p.c. commission	Mar.,	1915	
216	Boswell	16	–	J. Coupland	Agent	20 p.c. commission	Mar.,	1915	1 local subscriber (Ellis Ranch).
218	Kuskanook	8	–	Mrs. M. G. Jones	Agent	20 p.c. commission	Mar.,	1915	
219	Sidar	5	–	T. Rodgers	Agent	20 p.c. commission	Mar.,	1915	
220	Creston	13	–	Creston Telegraph Co.	Agent	20 p.c. commission	Mar.,	1915	
221	Kitchener	16	–	Geo. Hunt	Agent	20 p.c. commission	April,	1919	
222	Cranbrook Saw Mills	2	–	Cranbrook Sash & Door Co.	Agent	20 p.c. commission	July,	1917	Re-opened 1919.
223	Yahk	11	–	Mrs. E. M. Harrison	Agent	Salary $80 month	July,	1917	Switching office to Kootenay Tel. Co. Salary increased Nov. 1 $3 month.
	Total	87¼	2¾						

NAKUSP-EDGEWOOD SECTION, ARROW LAKES.—107 Miles.

224	Nakusp	0	0	L. J. Edwards	Agent	Salary $55 month	Dec.,	1912	
				Office rent		$10 month			Includes light and fuel.
225	Crescent Bay	2	–	E. Gore-Langton	Agent	20 p.c. commission	Aug.,	1919	
226	West Demars	10	–	Miss E. J. Sutherland	Agent	20 p.c. commission	Mar.,	1915	*Re* A. L. McKay.
227	Rock Island	2	1	R. L. June	Agent	20 p.c. commission	Sept.,	1916	
228	Durkin's	2	–	P. Durkin	Agent	20 p.c. commission	April,	1919	
229	East Arrow Park	1	–	Mrs. L. Campbell	Agent	20 p.c. commission	Jan.,	1917	
230	West Arrow Park	–	1	Miss J. M. Scott	Agent	20 p.c. commission	Mar.,	1915	
231	Riverdale	1		Mrs. L. Keffer	Agent	20 p.c. commission	Feb.,	1915	
232	Mnkinson's	1	–	Miss E. Graham	Agent	20 p.c. commission	Feb.,	1917	
233	Grahnm's Landing	2	–	A. J. Graham	Agent	20 p.c. commission	June,	1917	
234	Carrol's Landing	–	2	R. Hendry	Agent	20 p.c. commission	July,	1916	
235	Burton City	1	–	Robt. Stevens	Agent	20 p.c. commission	Dec.,	1913	
236	Fauquiers	15	–	Geo. E. Smedley	Agent	20 p.c. commission	Feb.,	1919	
237	Needles P.O.	1	–	Mr. Leigh	Agent	20 p.c. commission	Nov.,	1919	
238	Needles Ranch	1	–	Mrs. F. G Fauquiers	Agent	20 p.c. commission	Dec.,	1912	
239	Searwood	1	–	Geo. Heaton	Agent	20 p.c. commission	June,	1915	
240	Forslund	2	–	Capt. A. Forslund	Agent	20 p.c. commission	Mar.,	1919	
241	Edgewood	4	–	W. J. Banting	Agent	20 p.c. commission	Dec.,	1915	
242	Renata	33	–	Miss M. Friesen	Agent	20 p.c. commission	April,	1918	
243	Broadwater	1¼	¾	A. Mackereth	Agent	20 p.c. commission	June,	1917	*Re* G. N. Illingworth.
244	Deer Park	4	–	E. R. Lacey	Agent	20 p.c. commission	Nov.,	1919	
245	Syringa	6	–	H. Gibson	Agent	20 p.c. commission	Oct.,	1917	
246	Allandale	2	–	A. Hirst	Agent	20 p.c. commission	June,	1917	
247	Irwin's Landing	3	–	J. A. Irwin	Agent	20 p.c. commission	Jan.,	1917	
248	Robson	5	–	Miss M. Fowler	Agent	20 p.c. commission	Jan.,	1917	
249	Castlegar Saw Mills	1	–	M. C. Waldie	Agent	20 p.c. commission	Jan.,	1917	
250	Castlegar	1	–	J. Farmer	Agent	20 p.c. commission	Jan.,	1917	
	Total	102¼	4¾						

GOLDEN-WINDERMERE SECTION.—94 Miles.

251	Golden	0	0	Mrs. B. Shaw	Agent	Salary $75 month	Dec.	1915	Local exchange of 57 subscribers.
				Mrs. M. Gould	Telegraph operator	Salary $60 month	Sept.	1917	Salary increased April 1, '19, $5 month.
				Office rent		$15 month			

GOLDEN-WINDERMERE SECTION—94 MILES—*Concluded.*

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
252	Nicholson	6	–	D. Nicholson	Agent	20 p.c. commission	Mar., 1915	Closed Sept. 3, 1919.
253	Canyon Creek	2	4	W. J. Hobart	Agent	20 p.c. commission	Mar., 1912	
254	Twin Creek Ranch	4	–	F. L. Mitchell	Agent	20 p.c. commission	June, 1917	
255	Forestry Cabin	3	–	Dom. Forestry	Agent	20 p.c. commission	May, 1917	
256	Parsons	8	–	J. Hawkins	Agent	20 p.c. commission	Nov., 1917	
257	Castledale	6	–	R. McKeemans	Agent	20 p.c. commission	Dec., 1915	
258	Spillmacheen	12	–	H. G. Macdonald	Agent	20 p.c. commission	Nov., 1912	
259	Heffner's Landing	1	–	H. G. Low	Agent	20 p.c. commission	Nov., 1912	
260	Rayson's	1	–	H. C. Rayson	Agent	20 p.c. commission	July, 1918	
261	Alton's	2	–	Thos. Alton	Agent	20 p.c. commission	Nov., 1918	
262	Thatcher	2	–	E. G. Thatcher	Agent	20 p.c. commission	July, 1915	
263	Brisco	5	–	A. Wolfenden	Agent	20 p.c. commission	Feb., 1912	
264	Mitchell Ranch	1	–	A. H. Mitchell	Agent	20 p.c. commission	Dec., 1912	
265	McGuinness Ranch	3	–	R. McGuinness	Agent	20 p.c. commission	Nov., 1919	
266	Nixon's	2	–	W. J. Nixon	Agent	20 p.c. commission	Nov., 1916	Closed 1919.
267	Edgewater	6	–	G. G. Gemmell	Agent	20 p.c. commission	Nov., 1917	
268	Larmour	2	–	D. Larmour	Agent	20 p.c. commission	Nov., 1917	
269	Radium Hot Springs	4	–	J. McCullough	Agent	20 p.c. commission	Sept., 1915	
270	Athalmer	13	–	Thos. Barrie	Agent	20 p.c. commission	Oct., 1918	
271	Invermere	2	–	Mrs. M. H. Hope	Agent	Salary $75 month	April, 1912	
				Miss D. Turner	Telegraph operator	Salary $60 month	April, 1915	Salary increased April 1, '19, $5 month
				H. Saunders	Lineman	Salary $110 month	Aug., 1917	Salary increased April 1, '19, $10 month. on Invermere local exchange. 67 subscribers.
272	Wilmer	3	–	Wilmer Mercantile Co.	Agent	20 p.c. commission	July, 1915	
273	Windermere	6	–	J. C. Pitts	Agent	20 p.c. commission	July, 1912	
	Total	94						

VICTTORIA—BAMFIELD SECTION.

Stations.	Intermediate Miles. Land	Intermediate Miles. Cable	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
*Victoria	0	0	F. C. Munn	Agent	$135	Feb. 24, 1919	
Victoria	–	–	Geo. B. Wood	Clerk	$ 90	Nov. 14, 1919	Vice. E. Dowdall, resigned.
Victoria	–	–	Harry Turner	Messenger	$ 45	Jan. 1, 1918	
***Gents	17	–	Sarah Gent	Agent	25 p.c.	June 1, 1911	
Gents	–	–	Aaron Gent	Lineman	$110	June 1, 1911	
**Sooke	1½	–	Isabella Milne	Agent	$ 65	Sept. 1, 1913	Office rent $5 per month.
Sooke Exchange	22		33 Subscribers on this Exchange.				
***Rocky Point	14	–	Thos. Parker	Agent	25 per cent	Nov. 13, 1914	
**Otter Point	6	–	Mrs. Kate Vogel	Agent	$ 60	Oct. 1, 1908	
***Jordan River	14	–	Wilfred King	Agent	25 p.c.	Oct. 6, 1918	
Jordan River	–	–	E. R. Horwood	Lineman	$110	Mar. 4, 1920	Vice T. R. Lundy, resigned.
***Slide Hill	14	–	Oliver C. Brown	Lineman	$110	Feb. 5, 1920	Vice W. R. Halliday, Svc. D. W.
**Port Renfrew	14	–	Walter Harvey	Agent	$105	June 1, 1919	Vice G. S. Floux, resigned.
Port Renfrew	–	–	D. H. Soule	Lineman	$110	Nov. 13, 1919	Vice T. M. Baird, resigned.
***Camp Bay	17	–	Robt. Allan	Lineman	$110	Sept. 17, 1917	
***Carmanah	8	–	Alex. Allan	Lineman	$110	April 3, 1916	
***Clo-oose	7	–	C. E. Logan	Agent	25 p.c.	May 1, 1920	Vice S. J. Logan, resigned.
Clo-oose	–	–	David Logan	Lineman	$110	April 1, 1898	
***Nitinat	1½	–	C. E. Logan	Agent	25 p.c.		
**Pachena	15	–	Wireless Office				Cut in for test purposes.
Pachena	–	–	David Wishart	Lineman	$110	Sept. 22, 1916	
**Bamfield	15	–	W. A. McGee	Agent	$115	July 1 1915	

Note.—Nitinat Branch installed for use of Nitinat Cannery. Business handled by Miss C. E. Logan, Clo-oose on Commission.

VICTORIA.

Wireless Station	4	–	Accomodation Office				
Prov. Gov't. Bldgs	½	–	A. E. Starr	Agent	25 p.c.	Nov. 27, 1914	
Dist. Supt's. Residence	2 miles.		For night purposes.				
	172½ miles.						

Telephones have been installed on this line for the use of the Pachena Lighthouse; Life Saving Patrol Hut; Tsusiat and Seven Mile River; (latter two places for winter months only), Agent Mrs. Kate Vogel, Otter Point; Lineman Horwood, Jordan River; Lineman Houston, Slide Hill; Lineman Soule, Port Renfrew; Lineman Allan, Camp Bay; Lineman Allan, Carmanah; Agent Harvey, Port Renfrew; Agent Logan, Clo-oose; Lineman's Shelter Cabin; Agent McGee, Bamfield; 2 at Life Saving Station, Bamfield Lighthouse, Cape Beale (latter on line maintained by Marine and Fisheries Dept.)

Lineman Gent looks after Main Line, Victoria to Sooke, also Rocky Point Line.

Lineman Horwood looks after Main Line, Sooke to Jordan River including Sooke Exchange.

The Wire 2½ miles out from Victoria on Jordan River Line owned by British Columbia Telephone Co. and used by us on mutual agreement.

The Loop 4½ miles in Victoria to Wireless Station on British Columbia Telephone Co's. poles on mutual arrangement.

The Loop 1 mile to Dist. Superintendent's residence on British Columbia Telephone Co's. poles on mutual arrangement.

ALBERNI-BAMFIELD SECTION.

Stations.	Intermediate Miles. Land	Intermediate Miles. Cable.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
*Albernia	0	0	Mrs. P. A. Haslam	Agent	$100	Dec. 1, 1902	$5 per month allowed for rent.
**Port Alberni	2	–	R. S. Bailey	Agent	$120	June 10, 1919	Vice E. G. Garrard, resigned.
Port Alberni	–	–	Wm. Crowshaw	Lineman	$110	Jan. 3, 1919	
**Murdocks Landing	15	–	Wm. Crowshaw	Agent	Free	Mar. 31, 1919	
***San Mateo	13	–	Gosse Millard Co.	Agent	Sub'n. $2.50	Sept. 10, 1918	
**Bamfield	23	–	W. A. McGee	Agent	$115	July 1, 1915,	
Bamfield	–	–	Alex. Hoskins	Lineman	$110	Sept. 22, 1918	
	53 miles						

Branch Line to Bamfield from Cape Beale, also to Life Saving Station, Bamfield, transferred to Marine and Fisheries Dept., as the line is entirely for their use.

ALBERNI-CLAYOQUOT SECTION.

**Port Alberni	2	0	R. S. Bailey	Agent	$120	June 10, 1919	
Port Alberni	–	–	Wm. Crowshaw	Lineman	$110	Jan. 3, 1919	
Franklin Creek	8	1					Line crossed Alberni Canal here by Submarine Cable.
**Uchucklesit	22	–	A. H. Bellamy	Agt. Lineman	$110	April 27, 1918	
**Toquart	9	–	Wm. Schofield	Agt. Lineman	$110	April 28, 1919	Vice J. E. Hillier, resigned, office Bldg. as residence.
***Sechart	7½	2	Accomodation Office				Office Bldg., occupied as residence.
**Ucluelet	24½	–	H. J. Hillier	Agt. Lineman	$110	Dec. 1, 1902	
***Long Beach	–	–	Accomodation Office				Point of connection from Main Lines to Branch Lines.
**Tofino	30½	–	F. C. Garrard	Agt. Lineman	$110	April 1, 1911	
	103½	3					
**Clayoquot	0	1	E. G. Brown	Agent	$110	Feb. 4, 1918	
Misquito Harbour	9½	1					
Kalapa Mines	4	-					
Race Narrows	½	½					
Bear River	10½						
Clayoquot Sound	11½	–	Accomodation Office	Tofino-Clayoquot Sound	Section		Clayoquot Sound Canning Co.
Leonard Isd. Light	–	1½	Accomodation Office	Tofino-Leonare Island	Light Sect.		Disconnected.
	139¼	6½					

CLAYOQUOT-NOOTKA SECTION.

Clayoquot	0	0	E. G. Brown	Agent	$110		
***Vargas Isd	½	1½	P. A. Hovelaque	Agent	25 p.c.	Feb. 29, 1920	Vice E. W. Abraham, resigned.
***Ahousat	7	4½	J. A. Millar	Agent	25 p.c.	Jan. 1 1919	
***Riley's Cove	11½	–	C. L. Dixon	Lineman	$110	Feb. 23, 1920	Vice E. R. Horwood, transferred.
**Sidney Inlet	4½	–	L. W. Carter	Agent	Sub'n $2.50	Feb. 1, 1917	

***Hesquiat	12	2	Rev. Chas. Moser	Agent	25 p.c	Aug. 1, 1914	
***Estevan	6	2¼	A. C. Cole	Agt. Lineman	$110	Sept. 6 1919	Vice C. W. Griswold, transferred.
***Nootka	21½	2¼	W. R. Lord	Agent	Free	Oct. 15 1916	
***Clayoquot	0	0	E. G. Brown	Agent			
***Opitsat	–	½	G. D. Simon	Agent	25 p.c. commission	Nov. 1, 1916	
***Kakawis	1	–	Rev. Chas. Moser	Agent	25 p.c. commission	Aug. 4, 1919	
	64	12¼					

NANAIMO-COMOX-CAMPBELL RIVER SECTION.

**Nanaimo	0	0	H. W. Spencer	Agent	$120	July 15, 1919	
*Wellington	5	–	T. C. Buckingham	Agent	25 p.c. commission	Feb. 15, 1920	Vice O. W. Dey, resigned.
*Parksville	23	–	A. S. Gillespie	Agent	$120	April 19, 1915	
*Parksville	–	–	Wm. Mills	Lineman	$110	June 1, 1903	
**Union Bay	29	–	Fred Brown	Agent	$110	Dec. 16, 1913	
**Union Bay	–	–	Thos. Hudson	Lineman	$110	Nov. 17, 1898	
*Cumberland	10	–	J. H. Robertson	Agent	$110	July 19, 1916	
*Courtenay	7	–	John Aitken	Agent	$110	Feb. 1, 1912	
*Comox	8	–	Mrs. M. Smith	Agent	$ 80	Sept. 1, 1911	$5 per month allowed office rent.
***Oyster River	32	–	Miss B. Woodhus	Agent	25 p.c. commission	April 1, 1909	
**Campbell River	4	–	Sam Wallace	Agent	$120	Sept. 26, 1919	Vice S. Kincaid, transferred.
**Campbell River	–	–	Jas. McNeil	Lineman	$110	Sept. 15, 1919	Vice G. West, employed elsewhere.
	118 miles.						

NOTE.—B. C. Telephone Company use our poles on this section for 36 miles by mutual arrangement.

PARKSVILLE-ALBERNI SECTION (BRANCH).

Parksville	0	0	A. S. Gillespie	Agent	$120	April 19, 1915	
Parksville	–	–	Thos. Hirst	Lineman	$110	Feb. 4, 1911	
Alberni	30	–	Mrs. P. A. Haslam	Agent			Reported.
Alberni	–	–	A. A. Lynn	Lineman	$110	April 1, 1912	

NOTE.—B. C. Telephone Company use our poles on this section for 19¾ miles, paying therefor $4. per mile per annum.

COMOX-CAPE LAZO BRANCH.

*Comox	0	0	Mrs. M. Smith	Agent	$80	Sept. 1, 1911	
*Cape Lazo	6	–	Government Wireless				To give connection to Wireless Station Line locally repaired.

NOTE.—B. C. Telephone Company use our poles on this branch 4 miles by mutual arrangement.

UNION BAY-DENMAN AND HORNBY ISLAND BRANCH.

Stations.	Intermediate Miles. Land.	Intermediate Miles. Cable.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
**Union Bay	0	0	Fred Brown	Agent	$110		
Cable Landing							
***North Denman Island	7	1	Westley Piercy	Agent	25 p.c. commission	Feb. 1, 1908	
***South Denman Island	5½	–	Thos. Chalmers	Agent	25 p.c. commission	Feb. 1, 1908	
***South Hornby Island	1½	1	Thos. Smith	Agent	25 p.c. commission	Feb. 1, 1908	
***North Hornby Island	9	–	Geo. Harwood	Agent	25 p.c. commission	June 21, 1916	
	23	2					

NANAIMO-GABRIOLA ISLAND BRANCH.

**Nanaimo	0	0	H. W. Spencer	Agent	$120	July 15, 1919	
***Nanaimo River	5½	–	Jas. Gordon	Agent	25 p.c. commission	Nov. 1, 1910	
***North Gabriola	1¾	1¾	Margaret Bennett	Agent	25 p.c. commission	Mar. 11, 1917	
***Yuselta Beach	1	–	J. C. Eaton	Agent	25 p.c. commission	June 10, 1916	
***Entrance Island	–	1½	A. I. Thomas	Agent	Free	June 30, 1919	
***Cent. Gabriola	5	–	Dom. Brick and Shale Co.	Agent	Sub'n $2.50	July 25, 1917	
***Shaws	–	–	Mrs. W. N. Shaw	Agent	25 p.c. commission	June 1, 1912	
**South Gabriola	12	–	Jas. Degnen	Agent	25 p.c. commission	Feb. 1, 1909	
	25	3¼					

NOTE.—Our line is on B. C. Telephone Company's poles 5½ miles out of Nanaimo by mutual arrangement.

CAMPBELL RIVER-QUATSINO-FISHERMAN BAY SECTION.

**Campbell River	0	0	Sam. Wallace	Agent	$120		
***Duncan Bay	7	–	J. D. Rumsey	Agent	Sub'n $2.50	Oct. 19, 1918	
***Menzies Bay	6	–	W. T. Norton	Agent	25 p.c. commission	Mar. 1, 1920	Vice D. Geremiason.
***Elk Bay	3	–	Elk Bay Timber Co.	Agent	25 p.c. commission	Mar. 1, 1920	
**Rock Bay	12	–	Len Mason	Agent	$115	Nov. 15, 1917	
**Rock Bay	–	–	C. E. Greany	Lineman	$110	Oct. 9, 1917	
***Sayward	23	–	H. Otto Sacht	Agent	25 p.c. commission	Mar. 27, 1915	
***Beaver Cove	–	–	J. A. Brownrigg	Agent	25 p.c. commission	Oct. 1, 1919	Re-opened.
**Nimpkish	55½	–	C. J. Love	Agent	$115	Sept. 22, 1919	
**Nimpkish	–	–	Michael Ward	Lineman	$110	Sept. 22, 1919	
**Nimpkish	–	–	C. H. Mead	Lineman	$110	Feb 5, 1920	Vice A. Edgington.
***Alert Bay	3	1	M. C. Potts	Agent	25 p.c. commission	Mar. 3, 1913	

***Sointula	2	3	Vaino Granfors	Agent	25 p.c. commission	Oct. 23, 1918	
***Suquash	11	–	A. Scothorn	Agent	Free	Mar. 1, 1915	
***Fort Rupert	15	–	H. T. Cadwallader	Agent	25 p.c. commission	Mar. 26, 1915	
***Port Hardy	3	–	Miss A. M. Lyon	Agent	25 p.c. commission	Oct. 15, 1917	
***Coal Harbor	13	–	Clarice A. Hole	Agent (Switching)	$ 26	Jan. 1, 1920	Vice A. E. Hole, resigned.
** Quatsino	5	2	E. A. Hawley	Agent	$115	Nov. 16, 1918	
** Quatsino	–	–	Thos. Ildstad	Lineman	$110	Mar. 31, 1916	
***Holberg	22	–	A. Hansen	Agent	25 p.c. commission	July 1, 1917	
***Holberg	–	–	E. J. Olsen	Lineman	$55	Jan. 1, 1917	
***Langdale	2	–	Knud Hansen	Agent	25 p.c. commission	Aug. 3, 1915	
***San Josef Bay	13	–	H. A. Holsen	Agent	25 p.c. commission	April 1, 1915	
***Sea Otter Cove	1½	–	Hy. Petersen	Agent	25 p.c. commission	Aug. 3, 1915	
***Fisherman Bay	9	–	J. E. Vick	Agent-Lineman	$55	April 1, 1915	
***Cape Scott	4	–	Wm. Gibbs	Agent	25 p.c. commission	Aug. 3, 1915	
	209¾	6					

Note.—Part of Lineman E. J. Olsen and J. E. Vick's time taken as linemen, hence salary only $55.

FISHERMAN BAY–SHUSHARTIE BAY EXTENSION.

***Fisherman Bay	0	0	J. E. Vick	Agent			
***Strandby	9	0	H. Shuttleworth	Agent	25 p.c. commission	May 1, 1917	
***Hahwitti	8	–	A. E. Higgins	Agent-Lineman	$55	Oct. 1, 1915	
***Shushartie Bay	9	–	J. J. Skinner	Agent	25 p.c. commission	Dec. 16, 1916	
***Shushartie Cannery	2	–	T. Rowecliffe	Agent	25 p.c. commission	July 1, 1919	Vice P. F. Fraser, resigned.
	28	–					

Note.—Part of Lineman Higgins time taken as lineman here at salary of $55.

CAMPBELL RIVER–POWELL RIVER SECTION.

**Campbell River	0	0	Sam Wallace	Agent.			
***Quathiaski Cove	2	1	W. E. Anderson	Agent	25 p.c. commission	Nov. 1, 1910	
***Heriot Bay	9¾	–	H. A. Bull	Agent	25 p.c. commission	Nov. 1, 1910	
***Bagots	1½	–	Frank Bagot	Agent-Lineman	$38.50	May 4, 1919	
***Whaletown	2	1¾	Nicholas Thompson	Agent	25 p.c. commission	May 23, 1919	
***Bold Point	–	–	Mrs. S. O. Elder	Agent	25 p.c. commission	April 1, 1916	
***Hyacinthe Bay	–	–	Wm. Law	Agent	25 p.c. commission	Dec. 7, 1917	
***Mary Island	5	3	Jas. Milne	Agent	25 p.c. commission	Oct. 1, 1912	
***Cortez Island	9	1	Mrs. E. B. Hurren	Agent	25 p.c. commission	Jan. 15, 1917	
***Bishop's Landing	4	3	P. W. Bishop	Agent	25 p.c. commission	Nov. 4, 1916	
**Lund (Mainland)	10	–	J. A. Cunningham	Agent-Lineman	$110	July 9, 1917	
***Sliammon	12	–	Basil Nicholson	Agent	25 p.c. commission	Aug. 14, 1919	
**Powell River	3	–	Sam Kincaid	Agent	$120	Oct. 1, 1919	Vice R. W. Bishop, resigned.
**Powell River			C. W. Griswold	Lineman	$110	Nov. 10, 1919	Vice J. E. Lee, transferred.
**Powell River			A. G. Hill	Messenger	$45	Sept. 28, 1917	
***Blubber Bay	–	5½	S. B. Hughes	Agent	25 p.c. commission	July 30, 1919	Vice W. A. Walker, resigned.
***Van Anda	6	–	Mrs. Minnie Barnes	Agent	25 p.c. commission	Oct. 1, 1919	Vice Jos. Barnes, services dispensed with.
Total	64¼	15¼					

Land Line on Valdez Island repaired by F. H. Bagot and paid $38.50 for part of his time only.
Land Line on Mary Island repaired by Jas. Milne and paid for only the time occupied in making repairs.
Land Line on Cortez Island repaired by A. Hamerech and paid for only the time occupied in making repairs.
Land Line on Texada Island repaired by W. A. Walker and paid for only the time occupied in making repairs.

POWELL RIVER-VANCOUVER SECTION.

Stations.	Intermediate Distance. Land.	Intermediate Distance. Cable.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
**Powell River	0	0	Sam Kincaid	Agent.			
***Lang Bay	15	–	G. E. Mallory	Agent	25 p.c. commission	Dec 31, 1919	Vice F. S. Deal, resigned.
***Stillwater	3	–	J. Hughes	Agent	25 p.c. commission	Mar. 10, 1920	Vice C. C. Muir, resigned.
***Hardy Island	3½	2½	T. B. Brazil	Agent	25 p.c. commission	Mar. 29, 1918	
***Nelson Island	5¾	1¼	E. J. Myers	Agent-Lineman	$110	Nov. 11, 1919	Vice Rod McKay, resigned.
***Green Bay	–	–	Jas. Mowat	Agent	Sub'n $2.50	May 1, 1917	Office closed Nov. 31, 1919.
***Pender Harbour	4½	¾	Theo Dames	Agent	25 p.c. commission	July 15, 1913	
***Donley's Landing	–	–	D. Olmstead	Agent	25 p.c. commission	Dec. 17, 1919	Vice R. Donley, resigned.
***Secret Cove	10	–	Mrs. F. Stump	Agent	25 p.c. commission	Sept. 1, 1919	Vice Eveline Rene, resigned.
***Half Moon Bay	7½	–	Mrs. C. Lyell	Agent	25 p.c. commission	May 17, 1913	
***Half Moon Bay	–	–	J. E. Lee	Lineman	$110	Nov. 11, 1919	Vice E. J. Myers, transferred.
***Buccaneer Bay	6	1	A. Grant	Agent	25 p.c. commission	Dec. 1, 1915	
**Sechelt	10	–	Gordon Grasett	Agent	$110	Aug. 16, 1919	Vice J. E. Fulton, resigned.
**Sechelt	–	–	Geo. West	Lineman	$110	May 31, 1913	
***Selma Park	1	–	Union Bay S.S. Co	Agent	Free	Feb. 19, 1920	
***Wilson Creek	2	–	Geo. Walker	Agent	25 p.c. commission	June 21, 1918	
***Roberts Creek	2½	–	Harry Roberts	Agent	25 p.c. commission	Aug. 16, 1916	
***Gibsons Landing	9½	7½	W. W. Winn	Agent	25 p.c. commission	May 15, 1913	
***Stoltz Camp	–	–	L. A. Rhodes	Agent	Sub'n $2.50, 25 p.c.	Feb. 15, 1920	
***McNairs Camp	–	–	Marion Penman	Agent	Sub'n $2.50, 25 p.c.	Feb. 15, 1920	
***Seaside Park	6½	–	Geo. Cates	Agent	25 p.c. commission	Oct. 27, 1916	
**Bowen Island	5½	4½	L. J. Gleeson	Agent	$110	Feb. 1, 1914	
***Point Cowan	6½	–	W. J. Dunston	Agent	25 p.c. commission	Sept. 12, 1919	Vice C. W. Peck, resigned.
***Whytecliff	2	2	F. D. Wilson	Agent-Lineman	$120	Oct. 6, 1913	
*North Vancouver	15½	–	Mrs. E. C. Williams	Agent	$80	Feb. 20, 1914	
*Vancouver	5	–	Jas. McNeil	Agent	$140	Feb. 24, 1919	
*Vancouver	–	–	W. E. Asson	Operator	$100	Mar. 24, 1920	Vice A. B. Hanson, transferred.
*Vancouver	–	–	M. F. McEwan	Clerk	$75	Mar. 19, 1920	Vice C. H. Mead, transferred.
*Vancouver	–	–	Rene E. Dennis	Tel. Asst.	$75	Dec. 24, 1918	
*Vancouver	–	–	R. C. Angel	Messenger	$45	Sept. 1, 1919	
*Vancouver	–	–	C. Terry	Messenger	$45	Nov. 10, 1919	
*Vancouver	–	–	H. E. Elsden	Gen. Line Foreman	$115	Dec. 1, 1919	
Total	121¼	19½					

SECHELT-SHAW COVE-EGMONT BRANCH.

This branch is under construction, about 19 miles complete at this date.

NOTE.—The wire for 2½ miles out of Vancouver is owned by the B.C. Telephone Company and used by mutual arrangement.
Land Line on Hardy Island repaired by Agent Brazil, and paid only for time occupied in executing repairs.
Land Line on Bowen Island repaired by Agent Gleeson who acts as line repairer.

VANCOUVER-SQUAMISH SECTION.

**North Vancouver	0	0	Mrs. E. C. Williams	Agent			
***Eagle Harbour	10	–	Eagle Harbour Pkg. Co	Agent	Free	May 17, 1913	Closed Nov. 1, 1919.
***Porteau	17	–	Decks Gravel Co	Agent	Free	Mar. 1, 1917	

***Britannia Beach	7	–	E. J. Donohue	Agent	25 p.c. commission	Mar. 4, 1914	
***Mill Creek	3	1½	Frank Devitt	Agent	Free	April 5, 1915	Now Woodfibre.
**Squamish	7½	–	E. S. Reeve	Agent	$120.00	Oct. 1, 1913	
Total	44½	1½					

SALT SPRING ISLAND LINE (Telephone).

***Duncan	0	0	Miss M. Robertson	Agent	$75	Mar. 1, 1912	
***Chisholms	15¾	¼	A. J. Chisholm	Agent	25 p.c. commission	April 8, 1916	
***Trenches	3	0	C. N. Trench	Subscriber		Mar. 1, 1912	
***South Salt Spring	4	0	R. P. Edwards	Agent	25 p.c. commission	Dec. 1, 1912	
***Fulford Harbour	6½	–	L. D. Drummond	Agent	25 p.c. commission	Mar. 24, 1920	Vice Mrs. M. Lasseter, resigned.
***Beaver Point	2	–	W. D. Patterson	Agent	25 p.c. commission	Jan. 1, 1916	
***Prices	–	–	Harold Price	Subscriber		Mar. 20, 1915	
***Cushion Cove Farm	3	–	Bulman	Agent	Sub'n	Sept. 1, 1911	
***Cushion Cove	6	–	J. D. Reynolds	Agent	Sub'n	Mar. 24, 1920	
***Horels	2	–	Jas. Horel	Lineman	$110	Sept. 1, 1911	
***Ganges Harbour	6	–	Miss G. D. Layard	Agent	$75	Oct. 16, 1915	
***Ganges Exchange	40	–	57 subscribers on this exchange.				
***Blackburns	–	–	E. M. Blackburn	Agent	25 p.c. commission	Oct. 8, 1918	
***Henrys	–	2½	John Henry	Agent	25 p.c. commission	Nov. 15, 1914	
***Bedwell Harbour	2½	–	Mrs. L. Spalding	Agent	25 p.c. commission	Oct. 1, 1918	Cable crosses here.
***South Pender Island	1½	–	L. S. Higgs	Agent	25 p.c. commission	May 1, 1913	
***Browning Harbour	6½	–	J. A. Brackett	Agent	25 p.c. commission	Jan. 1, 1908	
***Hope Bay	2½	–	S. P. Corbett	Agent	25 p.c. commission	Oct. 1, 1911	
***Pt. Washington	4	–	Spencer Percival	Agent	25 p.c. commission	June 1, 1914	
***Mayne Isd. Hotel	7	¾	C. J. McDonald	Agent	25 p.c. commission	Dec. 1, 1908	
***Active Pass Light	1½	1	Geo. Georgeson	Agent	25 p.c. commission	Dec. 1, 1908	
***Galiano Isd	3	–	Burrill Bros.	Agent	25 p.c. commission	Dec. 1, 1908	
***Lyall Harbour	1	–	D. MacFadyen	Agent	25 p.c. commission	Dec. 1, 1919	
***Saturna Isd	1½	2½	G. F. Payne	Agent	Free	April 17, 1914	
Total	119¼	7¼					

Subscribers pay $24 yearly rental, and regular tariff.

Repairs made to land lines on the various sections as under, only actual time occupied in making repairs paid for.

Duncan to Sansun Narrows, A. J. Chisholm; Pender Island, J. A. Brackett; Mayne Island, A. Deacon; Galiano Island, Burrill Bros. All salaries on this line increased to present rating on April 1, 1919.

Telephone Exchange, Ganges, opened Nov. 11, 1914, with 33 subscribers who pay $24 per year. This No. is now 57.

SIDNEY-GANGES TELEPHONE LINE.

***Sidney	0	0	B.C. Telephone Co.	Agents		July 1, 1910	Rate 5c. per call.
***Knapp Island	3	1	J. S. Harvey	Agent	Free	Free, 1915	
***Fulford Harbour	6	2	L. D. Drummond	Agent	25 p.c. commission	Mar. 24, 1920	Vice Mrs. M. Lasseter, resigned.
***Ganges	9	–	Miss G. D. Layard	Agent	$75	Oct. 16, 1915	
Total	18	3					

NOTE.—Sidney-Ganges Line on Salt Spring Island. Line repairs made by James Horel, Lineman.

SIDNEY & SIDNEY ISLAND LINE (Telephone).

Stations.	Intermediate Distance. Land	Cable	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
***Sidney	0	0	B.C. Tel. Co.	Agents			
***Sidney Island	3	2	J. L. Skene	Agent	Free	Feb. 6, 1920	Office re-opened.
***Abergeldie	–	–	James Turner	Agent	Sub'n	Feb. 6, 1920	
Total	3	2					

BAMBERTON WORKS-KEATING BRANCH.

***Bamberton Works	0	2	A. H. Anderson	Agent	Free	Connected with B.C. Tel. Co.	
***James Island	3½	1	Canadian Explosives	Agent	Free	Dec. 7, 1914	
Total	3½	3					

CHEMAINUS-KUPER-THETIS LINE.

***Chemainus	0	0	B.C. Telephone Co.	Agent		June 1, 1912	
***Kuper Island	–	4	Rev. Jos. Geurts	Agent	25 p.c. commission	Sept. 1, 1913	
***Thetis Island	1	–	A. W. B. Foot	Agent	Sub'n	May 1, 1914	
***Gorphwysfa	1	–	G. L. Wood	Agent	Sub'n	Dec. 1, 1915	Closed Dec. 31, 1919.
***Burchells	1½	–	H. Burchell	Agent	Sub'n	Sept. 1, 1914	
***Heneage	¾	–	A. Heneage	Agent	Sub'n	Oct. 1, 1912	
Total	4¼	4					

Line on Thetis and Kuper Islands repaired by V. G. Ley and paid for only for time occupied in making repairs.

DISTRICT SUPERINTENDENT'S STAFF.

		Wm. Dee	District Superintendent	$150	Sept. 1, 1913	
		F. E. Purdy	Clerk and book-keeper	$115	Nov. 15, 1918	

NOTE.—All salaries to agents and lineman on Vancouver Island lines, were increased April 1, 1919.

**Ashcroft	0	C. E. Gooding	Dist. supt	$175 00		40 p.c. paid by C.P.
		J. J. Berry	Local manager	155 00		40 p.c. paid by C.P.
		Robert Barker	Night operator	135 00		40 p.c. paid by C.P.
		R. G. Bishop	Day operator	125 00		
		Camille Gooding	Book-keeper	87 50		
		Elsie Sutherland	Exchange operator	60 00		
		W. P. Percival	Messenger	35 00		40 p.c. paid by C.P.
***Doughertys	23	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**Clinton	10	P. L. LeBourdais	Operator lineman	$120 00		$5.50 a month rent and postage allowed.
**Clinton		M. A. LeBourdais	Messenger	15 00		
***Pollards	2½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 59 Mile House	12	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 70 Mile House	11	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 74 Mile House	4	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 83 Mile House	9	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***100 Mile House	17	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***105 Mile House	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**115 Mile House	10	R. S. S. Morton	Operator lineman	$120 00		$5 per month allowed rent.
***118 Mile House	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***121 Mile House	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***122 Mile House	1	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***127 Mile House	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***134 Mile House	7	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***141 Mile House	7	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**150 Mile House	9	J. B. Rutledge	Operator lineman	$125 00		$10 a month allowed rent and postage.
150 Mile House	9	A. E. Rutledge	Assistant and messgr.	30 00		
***153 Mile House	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***158 Mile House	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Lynes	11	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**Soda Creek	9	J. A. Bowles	Operator lineman	$120 00		Agent pays $2.50 per month rental.
***Pickards	6	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Castle Rock	9	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Roweds	2½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Anders	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***4 Mile Creek	1½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***6 Mile Creek	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Moffatts	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Windts	2½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Yorstons	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Hilborns	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Shepherds	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**Quesnel	15	Louis Le Bourdais	Operator lineman	$120 00		
**Quesnel		Kate Le Bourdais	Assistant and messgr.	30 00		
*Blackwater	28	S. H. Patenaude	Operator lineman	125 00		
*Bobtail Lake	37	R. W. Walters	Operator lineman	125 00		
**Nechacco	32	Alfred Ferland	Operator lineman	125 00		
***Vanderhoof	12	C. A. Mitchell		25 p.c. commission		18 subscribers at $2.50 per month each
**Fort Fraser	21	L. R. Seldon	Operator lineman	$125 00		
*Eudako	18	Harry Leduke	Operator lineman	125 00		
**Burns Lake	37	R. A. Slaker	Operator lineman	125 00		
*South Bulkley	27	W. N. Clark	Operator lineman	125 00		

DISTRICT SUPERINTENDENT'S STAFF—*Concluded.*

Stations.	Intermediate Distance.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Land					
***Forestdale	4	Commission office		25 p.c. T.L.		
***Pioneer Ranch	10	Commission office		25 p.c. T.L.		
**North Bulkley	4	E. G. Ayliffe	Operator linoman	$125 00		
**Telkwa	2	W. M. Boyle	Operator lineman	125 00		Telephone installed at Rattenbury Lands, J. J. McNeil's and Prov. Police rental $2.50 per month.
**Smithers	15	Wm. Mitchell	Operator lineman	125 00		Nine local telephones subscribed at $2.50 per month each.
***Sealey's Ranch	6	Commission office				local telephones subscribed at $2.50 per month each.
***Chapman's Ranch	4½	Commission office				local telephones subscribed at $2.50 per month each.
***Wilson's Ranch	3½	Commission office				local telephones subscribed at $2.50 per month each.
***Downey's Ranch	1	Commission office				local telephones subscribed at $2.50 per month each.
***Moricetown	7	Commission office				local telephones subscribed at $2.50 per month each.
**Hazelton	28	L. A. Graef	Local manager	$155 00		
		J. Wrathall	Night operator	140 00		16 telephone subscribers at $2.50 per month on local telephone line, Hazelton also composite telephone installed at Provincial Police office, rental $2.50 per month.
		K. Halliday	Day operator	135 00		
		Wm. Blackstock	Line foreman	120 00		
		Robert Wattie	Clerk and messenger	75 00		
***Glenvowell	7	Commission office				Rental $2.50 per month.
***Kispiox	3	Commission office				Rental $2.50 per month.
**First Cabin	21	Jas. Withrow	Operator linman	$125 00		
**Second Cabin	33	F. B. Dowling	Operator	100 00		Provisions supplied.
		W. G. Martin	Lineman	95 00		
**Third Cabin	25	A. R. Macdonald	Operator	$100 00		Provisions supplied.
		J. S. Hicks	Lineman	95 00		
*Fourth Cabin	20	G. W. Smith	Operator	100 00		Provisions supplied.
		James Smith	Lineman	95 00		
*Fifth Cabin	20	J. J. Dore	Operator	115 00		Provisions supplied.
		Hugh McKay	Lineman	105 00		
*Sixth Cabin	20	Wm. Murdoch	Operator	115 00		Provisions supplied.
		E. A Loring	Lineman	105 00		
*Seventh Cabin	19	Robert Todd	Operator	115 00		Provisions supplied.
		Carl Jepson	Lineman	105 00		
*Eighth Cabin	19	J. A Hodder	Operator	115 00		Provisions supplied.
		Chas. P. Janze	Lineman	105 00		
*Ninth Cabin	17	W. H. Larmer	Operator	115 00		Provisions supplied.
		Robert Hayson	Lineman	105 00		
*Echo Lake	32	Angus McKay	Operator	115 00		Provisions supplied.
		W. H. Blake	Lineman	105 00		
**Iskoot	41	A. L. Wilson	Operator	115 00		Provisions supplied.
		Peter Hamlin	Lineman	105 00		
**Telegraph Creek	61	F. N. Jackson	Operator	145 00		Salary only...
**Shesley	45	Daniel Fraser	Operator lineman	115 00		Provisions supplied.

**Nahlin	61	Geo. B. Ball	Operator lineman	115 00		Provisions supplied.
**Nakina	49	C. J. Thomas	Operator lineman	115 00		Provisions supplied.
**Atlin	63	A. B. Taylor	Local manager	121 50		$60 per month board allowance.
**Tagish	75	R. A. Gooding	Operator	100 00		50 per month board allowance.
		Angus Morrison	Lineman	95 00		50 per month board allowance.
*Carcross	18	S. E. Chambers	Operator	92 50		40 per month board allowance.
*White Horse	65	G. S. Fleming	Dist. superintendent	210 00		Salary only.
		J. B. Watson	Operator	160 00		Salary only.
		Howard Warne	Messenger	65 00		Salary only.
*Lower Lebarge	59	J. D. Lawrence	Operator	100 00		$50 per month board allowance.
*Hootalinqua	30	John Ward	Operator	100 00		50 per month board allowance.
***Mason's Landing	35	Commission office		25 p.c. T.L.		Branch line.
***Livingstone Creek	35	Commission office		25 p.c. T.L.		Bpanch line.
*Big Salmon	34	Edward Barrett	Operator	100 00		$50 per month board allowance.
*Carmacks	42	Howard McMillan	Operator	100 00		50 per month board allowance.
*Fort Selkirk	8	R. P. Hall	Operator lineman	100 00		50 per month board allowance.
*Stewart River	75	B. D. Dewitt	Operator lineman	100 00		50 per month board allowance.
*Ogilvie	23	G. C. Swinehart	Operator lineman	100 00		50 per month board allowance.
*Dawson	48	Wm. Brownlow	Local manager	150 00		100 per month board allowance.
		G. A. Maclachlan	Operator	125 00		100 per month board allowance.
		J. H. Grant	Messenger	90 00		Salary only.
		G. A. Couture	Lineman	125 00		$100 per month board allowance.
*Forty Mile	55	Wilfred Lafontaine		100 00		50 per month board allowance.
*Boundary	40					Connection made here with United States Govt. Alaskan Line.

SILVER STANDARD LINE.

**New Hazelton	0					
***Silver Standard Mill	2	Commission office				$2.50 per month.
***Silver Standard Mine	4	Commission office				2.50 per month.

SKEENA CROSSING LINE.

**New Hazelton	0					
***Brickendens Ranch	6	Commission office				$2.50 per month.
***Hansons Tie Camp	1	Commission office				2.50 per month.
***Delta Mines (private line from Carnaby)		Commission office				2.50 per month.
***Tranville (private line from Carnaby)		Commission office				
***Skeena Crossing	8	Commission office				2.50 per month.

HAZELTON—PRINCE RUPERT BRANCH.

**Hazelton	0					
**New Hazelton	4	V. F. Dunn	Operator lineman	$125 00		8 telephone subscribers at $2.50 on local telephone line Hazelton.
*Kitwanger	16	W. C. Washburn	Operator lineman	125 00		

HAZELTON—PRINCE RUPERT BRANCH—*Concluded.*

Stations.	Intermediate Miles.	Name.	Position.	Salary per month or Commission.	Date of Appointment.	Remarks.
	Lines. Cables					
***Cedarvale	21	Commission office				
*Dorreen	15	C. E. Cadden	Operator lineman	$125 00		
***Royal Mills	15	Commission office		25 p.c.		Rental $2.50 per month.
**Usk	3	C. W. Binham	Operator lineman	125 00		
**Terrace	18	H. B. Birch	Operator lineman	130 00		Telephone installed, office rent $2.50 per month.
		Wm. West	Assistant lineman	60 00		
***Romo	10	Commission office		25 p.c.		Rental $2.50 per month.
***Lakelse Mill	1	Commission office		25 p.c.		Rental $2.50 per month.
*Graveyard Pt	7	H. L. McNeill	Operator lineman	125 00		
**Hole in Wall	15	Wm. Horwill	Operator lineman	225 00		
**Telegraph Pt	18	Edward Chesley	Operator lineman	125 00		
***Ky-Ex Mills	9	Commission office		25 p.c.		Rental $2.50 per month.
**Haysport	9	J. W. Ferguson	Operator lineman	125 00		
		James Adams	Launch service	50 00		
***Port Essington		G. A. Taylor	Agent	10 00		
***Sunnyside	9	Commission office		25 p.c.		Rental $2.50 per month.
***Cassiar	1	Commission office		25 p.c.		Rental $2.50 per month.
***North Pacific	2	Commission office				Rental $2.50 per month.
***Inverness	1	Commission office				Rental $2.50 per month.
***Port Edward	2	Commission office				Rental $2.50 per month.
		A. J. Edlund	Lineman	125 00		
**Prince Rupert	13½	E. R. Cox	Local manager	165 00		
		E. L. Young	Operator	135 00		
		Hugh McMillan	Clerk	120 00		
		Sarah Glassey	Clerk	60 00		
		P. Mazzei	Messenger	40 00		
		F. W. Dowling	District superintendt.	175 00		
**Terrace	0					
**Rosswood	35	W. C. Bolin	Operator lineman	125 00		
		Herbert Butler	Operator lineman	125 00		
**Aiyanish	32	J. C. Studdy	Operator lineman	125 00		Telephone installed at Mission House, rental $2.50 per month.
**Alice Arm	25	H. F. Gordon		125 00		
**Anyox	22	L. W. Waugh		125 00		
***Maple Bay	15	A. J. Martin	Lineman	115 00		
***Swamp Point	4	S. G. Chalmers	Lineman	115 00		Telephone installed, rental $2.50 per month.
*Stewart	38	S. G. Lawrence	Operator lineman	130 00		

PRINCE RUPERT—PORT SIMPSON LINE.

**Prince Rupert	0					Telephone installed office Dr. Kergin, Georgetown Spruce Co. and Can. Fish & Cold Storage Co.
***Tucks Inlet By Products	6	Commission office		None		Rentals $2.50 per month each.
****Tucks Inlet Cannery	2	Commission office		None		Tel. Rental $2.50 per month.

***Georgetown	12	Commission office		25 p.c. commission		Tel. rental $2.50 per month.
***Port Simpson	10	C. B. Flewin	Agent	$33 00		Tel. rental $2.50 per month. Telephone at Port Simpson Hospital, rent $2.50 per month.

DIGBY ISLAND LINE.

**Prince Rupert	0					
*Digby Island	4					Office at B.C. Radio telegraph station for transfer of traffic accounts and records kept at Prince Rupert office.

QUEEN CHARLOTTE ISLAND LINE.

**Massett	0					
***Spence's Ranch	9	Commission office		None		Rental $2.50 per month.
***Tow Hill	18	Commission office		None		Rental $2.50 per month.
**Massett	0	W. N. Giegerich	Operator lineman	$125 00		6 subscribers on local telephone exchange at rental $2.50 per month.
**Woden	10	Commission office				Wallace Cannery subscriber rental $2.50 per month.
***Nadu	7	Commission office				Rental $2.50 per month.
**Port Clements	15	R. S. Thompson	Operator lineman	$120 00		
***Tl-Ell	23	R. G. Ward	Lineman	100 00		
***Walsh's Ranch	4	Commission office		25 p.c. commission		Rental $2.50 per month.
*Dead Tree Point	14	Gifford Gray	Agent	$15 00		Office at B.C. Radio telegraph station for transfer of traffic.
***Southeaster Mine	11	Commission office		None		Rental $2.50 per month.
***Skidegate Village	7	Commission office		None		Rental $2.50 per month.
***Skidegate Oilery	2	Commission office		None		Rental $2.50 per month.
**Queen Charlotte City	2	D. C. Schubert	Operator lineman	120 00		2 subscribers on local telegraph line at $2.50 per month.

NOTE.—Service telephones are installed at First Cabin, Second Cabin, Third Cabin, Iskoot, Telegraph Creek, Shesley, Nahlin and Nakina.
Service telephones are also installed at all offices on Terrace-Stewart Branch, and at all offices on Hazelton-Prince Rupert Branch with exception of Dorreen, Composite service telephones are also installed at Hazelton, Smithers and Telkwa.

LYTTON-LILLOOET BRANCH.

**Lillooet	0					
***Jones Ranch	7	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***LaRochelle	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Paschelqua	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Dickeys	4	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Hautiers	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Antoines	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***28 Mile Ranch	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Rosebank	3½	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Watkinson's	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Halfway House	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***20 Mile Ranch	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Rud locks	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Pine Grove	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Earlscourt	4	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.

LYTTON—LILLOOET BRANCH—*Concluded.*

Stations.	Intermediate Miles.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Lines.					
***Antilles	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***St. George's School	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Lytton	7	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.

LILLOOET-BRIDGE RIVER BRANCH.

**Lillooet	0	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Shalalth	13	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Mission Reserve	1	Commission office		25 p.c. T. L.		Agent pays $2.50 per month rental.
***Ritchie	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Hansons	4	Commission office		25 p.c. T. L.		Agent pays $2.50 per month rental.
***Vieras Ranch	1½	Commission office		25 p.c. T.L.		Agent pays $2.50 permonth rental.
***Sebrings	1½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Fairhaven	8	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Marshall Creek	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Beaubiens	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Tyaughton	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Davidsons	½	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Mortens	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Wayside	10	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Golden Dream	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Lorne Mine	0	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Ida May	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Pioneer	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.

ASHCROFT-LILLOOET BRANCH.

**Ashcroft	0					
***Cache Creek	7	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Calders	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Hat Creek	4	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Robertsons	8	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Crown Lake	8	No commission		25 p.c. T.L		Agent pays $2.50 per month rental.
**Pavilion	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Carsons (Loops)	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Pavilion Station	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***18 Mile House	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***17 Mile House	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***15 Mile House	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Scotts Ranch	6	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Fountain Ranch	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
**Lillooet	8	David Mitchell	Operator	$120 00		Agent pays $2.50 per month rental.

**150 Mile House	0	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Williams Lake	6	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Onward Ranch	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Borlands	9	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
**Chimney Creek	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Moons	11	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Beehers	12	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Beaumonts	15	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Hanceville	13	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Lees	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Pypers	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Martins	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***McAuleys	8	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Alexis Creek	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Armstrongs	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Youngs	6	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Newtons	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Thicket Ranch	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Bayliffs	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Redstone	4	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Chilance Forks	28	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Tatla Lake	32	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
**Kleena Kleene	16	W. V. Vowron	Operator lineman	$120 00		
***McClincheys	6	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Lowenesses	25	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Squinass	26	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Anaham Lake	10	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Marvins	30	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Atnarko	7	S. Gledhill	Lineman	$115 00		Agent pays $2.50 per month rental.
***Hickmans	9	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Canoe Crossing	16	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Nootsatsum	6	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental
**Bella Coola	39	Oscar Landry	Operator	$130 00		

Tariff—For British Columbia and Yukon rates, refer to Company's tariff.

NEWFOUNDLAND TELEGRAPH SERVICE.

No.	Stations	Inter-mediate Distance	Agents and Operators	Memo.
		Miles	$ cts.	
1	Port au Basque	0	50 00 or commission.	N.B.—The comimssion is 25 per cent upon all business to and from the office. said commission guaranteed not to be less than at the rate of $50 per annum.
2	Cape Ray Lighthouse	14	50 00 or commission.	
	Totals	14	100 00	

N.B.—The above short line is constructed in connection with the Signal Service and connects at Port au Basque with the land line system of the Anglo-American Telegraph Company.

COLLECTION OF REVENUE

By E. T. Smith, Collector of Public Works Revenue.

The revenue accounts for the year ended March 31, 1920, show an increase in accruals of $101,146.48, and in the amounts collected also an increase of $83,412.67. Examination of the details show that the slide and boom dues which in the year ended March 31, 1919, were $16,754.71, the dues for the year just closed were $67,002.51, the increase being $50,247.80. This large increase seems to call for explanation. In the accounts for the preceding year there did not appear any amount for the St. Maurice District. This, because according to the lease of the St. Maurice works to the St. Maurice River Boom and Driving Company, the surplus of tolls collected by them over and above the cost of maintenance and operation were not payable until the end of the term of the lease, which was January 31, 1920. However, to meet the views of the company, a new lease was granted. dating from January 1, 1920, which necessitated an accounting and settlement up to December 31 last, the result of which showed that the total of tolls collected by the company for the three years amounted to $218,214.43. The cost of operation and maintenance was $163,048.74, leaving a balance due the department of $55,165.69. Of this the company paid $34,525.69, leaving a balance unsettled of $20,640. I may say in passing that this difference has been withheld by the company because of differences of opinion between them and the department as to certain moneys expended by them on improvements made without the authority of the department as provided by the lease. These matters will be taken up and pressed to a conclusion as soon as possible. I may say that I think it is proper here to say that the accounts of the company were checked up as to expenditure by the district engineer and myself, and as to the revenue by sworn returns and examination of the company's books, which I made myself.

In the Ottawa District, there appears to be a deficit for 1919-20 of $4,202.82, but the comparison can hardly be termed a fair one because the revenue from the Gatineau boom for the fiscal year was collected by the Gatineau Boom Company, to whom the works were leased, and if we are to assume that the revenue would be about the same as that of 1918-19, then there would have been an increase of $1,768.14 in this account. I might mention here that all the Ottawa works from and above Ottawa and Hull were leased to the Upper Ottawa Improvement Company from January 1, 1920.

In the Newcastle District there were no lumbering operations, consequently no revenue. There should be from what I can learn a revenue during the current year sufficient to more than cover our expenses for the last and this year.

In the Saguenay District we had $530.50 in 1918-19. In the year just closed there were no dues, the works having been handed over to a company to operate. Because the expense of maintenance was so large and the revenue comparatively small, the department decided not to operate or maintain these works.

The last four years has been a very trying period for the lumber trade. The enormous cost of feeding the men and the great increase in wages paid them, have kept many operators out of the business, and for those who still have carried on, notwithstanding the large prices which sawn lumber commanded, the profits must have been comparatively small. Where previously large quantities of sawn lumber were shipped to the Old Country, during the period mentioned the well known scarcity of transportation prevented shipments of this commodity almost entirely. This year a change in this regard has set in and there seems to be quite a large quantity of lumber being shipped from the St. Lawrence ports.

In the other sources of revenue handled in this office we have had substantial increases, the dry docks yielding $8,719.55 more than last year, the rents and sales $40,923.46, and the ferries $1,249.67. As this office does not deal with the expenditures on these works from which we obtain revenues, these comparisons are simply in regard to the amounts accrued from the different sources for the years mentioned, so that no attempt is made to show how these various revenues compare with the expenditure for the same period. I may mention, however, in this connection that owing to the increase in the cost of labour, fuel, and other outlays in connection with the operation of the graving docks, the tariffs of dues for the use of the three docks controlled by the department have all been raised, and undoubtedly a portion of the increase in revenue is due to this action. It is satisfactory to note in this connection that the new rates authorized have met with no serious objection from the shipping trade. The large increase from rents and sales was principally due to the sales of some real estate which was no longer required for Government purposes. The revenue accrued from ferries was $1,672.67, or $1,249.67 more than the previous year. This comparison is not quite fair, however, because the bulk of the ferry rentals for the previous year had been collected and accounted for by the Inland Revenue Department.

Briefly summarized, the revenue dealt with by this office was as follows:—

During the year 1919-20, the revenue from public works showed an increase of $101,146.48, being $299,892.19, while in the previous year it was $198,745.71.

The collections showed an increase of $83,412.67, being $274,268.44, while in 1918-19 they amounted to $190,855.77. The revenue from slides and booms was $67,002.51, or $50,247.80 more than the previous year. The collections on this account were $48,133.41, or $31,369.96 more than 1918-19. The graving docks gave $81,147.59, being $8,719.55 more than the previous year. Sales and rents accrued were $150,063.42. In 1918-19 they were $109,139.96, showing an increase in the last fiscal year of $40,923.46. The collections likewise show an increase of $43,326.66, being $143,355.44, while during the previous year they amounted to $100,028.78. The collections on account of ferries show a decrease of $3.50, being $1,632 in 1919-20, while the previous year they amounted to $1,635.50.

I now submit the particulars in detail relative to the several services under their respective heads:—

SLIDES AND BOOMS.

Ottawa District.

The tolls charged up amounted to $11,836.82, being $4,202.82 less than the preceding year. This deficit is more apparent than real, as already explained. The number of saw logs which passed through the works was 1,698,946 pieces, or 97,099 more than the preceding year. There were 41,948.25 cords of pulpwood, or 12,419.78 cords less than in 1918-19. All the revenue accrued during the year was collected. Of the dues accrued since July 1, 1889, when this department took over the collections, there remains uncollected $9,161.61. Of the dues accrued before July 1, 1889, there still remains unpaid $56,805.65, all of which should be written off.

The accounts for the Ottawa District stand thus:—

The dues accrued during the year	$11,836 82
Outstanding, March 31, 1919	9,161 61
	$20,998 43
Collected	11,836 82
Balance outstanding, March 31, 1920	$ 9,161 61

being composed of:—

Dues of 1889-90	$6,903 05
" 1890-91	28 42
" 1892-93	379 80
" 1896-97	196 71
" 1903-04	637 37
" 1911-12	723 63
" 1912-13	251 15
" 1913-14	25 31
" 1914-15	16 17
	$9,161 61

Balance of dues outstanding prior to July 1, 1889, when this department took over the collection was $56,805.65.

Herewith are statements in detail:—

No. 1.—Statement of the number of pieces of square timber, sawlogs, etc., which passed through the Ottawa Works during the year ended March 31, 1920.

No. 2.—Statement of dues accrued from each of the slides and works of the Ottawa District during the year ended March 31, 1920.

Apart from two accounts amounting to $1,044.68, all the revenue from the Ottawa slides and booms, since I took charge in 1889, has been collected, excepting such as should have been written off long ago, or a few items in dispute which I expect will have to be forgiven.

The following is a comparison between the amounts accrued from the different works in the Ottawa district which shows the apparent decrease, but the real increase in the tolls over those of 1918-19:—

	1918-19.	1919-20.	Increase, 1919-20.	Decrease. 1919-20.
Ottawa	$ 1,146 42	$ 513 82	.....	$632 60
Cheneaux	2,111 38	2,017 63	.....	93 75
Petewawa	.....	1,772 16	$1,772 16	—
Coulonge	3,215 06	3,354 48	139 42	—
Dumoine	271 12	206 55	.....	64 57
Black River	2,375 47	2,691 33	315 86	—
Madawaska	949 23	1,280 85	331 62	—
Net gain in 1920, $1,768.14	$10,068 68	$11,836 82	$2,559 06	$790 92
Gatineau	5,970 96	.....	.....	—
	$16,039 64	$11,836 82	.....	$4,202 82

The St. Maurice District.

I have already referred to the condition of the account as between the department and the St. Maurice River Boom and Driving Company.

I have to ask your attention to the fact that an old disputed account of 1909-10, amounting to $3,709.62, was settled during the past year. Thus, apart from the matters in dispute between the St. Maurice River Boom and Driving Company and the department, all the dues accrued from this district since I took charge of it in 1892 have been collected.

The amount outstanding prior to July 1, 1892, remains unchanged, namely, $14,481.49.

The number of pieces of all kinds of timber which was passed through the works was equivalent to 12,624,490 pulp and sawlogs, or 3,651,836 more than the previous year.

The lease which was entered into on February 1, 1917, being for a period of three years, would have expired January 31, 1920. A new lease, however, for 21 years was

entered into from January 1, 1920, on very much the same terms as the lease which expired. The surplus of tolls after the cost of maintenance and operation is deducted is to revert to the Government, but not until the end of the term of the lease. The rapid development of the paper business on the St. Maurice calls for such an immense increase in the quantity of wood brought down that river that it is quite a problem as to how the enormous number of logs to come to Three Rivers in the near future can be handled. During the year just closed, the total number received at Three Rivers exceeded 4,500,000 pieces. This will before long be increased by from one and a half million to two million pieces. Thus the capacity of the sorting gaps and mill booms which are now fully taxed to the utmost will require an entirely new set of sorting gaps further up the river than those at present in use. As matters now stand, under the lease to the Boom Company, they will have to devise measures to meet the new conditions so that the Government could be entirely relieved of any demand for further accommodation.

THE NEWCASTLE DISTRICT.

During the past year no lumbering operations whatever were carried on by the parties using our works. The revenue from the previous year was only $184.57.

The total amount outstanding on March 31, 1920, was $3,556.89, all of which should be written off.

THE SAGUENAY DISTRICT.

These works having been handed over to the Saguenay Boom Company, our claims for the use of the same are terminated.

GRAVING DOCKS.

ESQUIMALT DOCK.

The revenue received from these works was $24,182.77 or $10,211.68 less than the previous year. (See statement.) This difference is largely accounted for by the fact that in the previous year one vessel alone which occupied the dock for a very long period contributed some $16,000. During the year the dock was occupied for 138 days, of which it served Canadian Government vessels for 65 days and others for 73 days. The dockages were in most cases for very short periods, which accounts for the tonnage being 107,941, against 68,095 in the previous year.

LEVIS DOCK.

The revenue from this source was $49,184.33, being $18,682.09 more than in the preceding year. (See statement.) During the season of navigation the Canadian Government vessels occupied the dock for 14 days and the merchant ships for 233 days, or 247 days in all. During the winter of 1920 the dock was occupied by steamer *Minola* and steamer *Alice*. The gross tonnage of vessels which occupied the dock during the season of navigation was 23,667. In the preceding year it was 21,388 tons.

KINGSTON DOCK.

The Collingwod Shipbuilding Company, the lessees, have paid the reduced rental authorized in 1918, namely, $5,000, to May 1, 1919.

SELKIRK REPAIR SLIP.

The revenue for the last fiscal year was $2,780.49, being $249.14 more than the previous year. (See statement.) The slip was occupied for 72 days, 17 of which Canadian Government vessels were served.

RENTS.

During the year 1919-20 the revenue secured from Government properties from rentals, sales and interest was $150,063.42, $40,923.46 more than 1918-19. The accounts stand thus:—

Balance from previous years		$ 18,506 24
Accrued to March 31, 1920		150,063 42
		$168,569 66
Collected	$143,355 44	
Written off	6,354 07	
Balance, March 31, 1920	18,860 15	
		$168,569 66

The collections were $43,326.66 more than for the preceding year. The amount written off, $6,354.07, is composed principally of commissions deducted by rental agents, and the cost of up-keep of properties expropriated in Toronto.

Of the amounts apparently uncollected, namely, $18,860.15, there is one item alone $10,600.62, composed of a charge for Dunnville Bridge, Ont., and another for the Dundas and Waterloo road, which business came to this department from the Inland Revenue Department in 1909. These matters originated a great many years ago and I am not aware that we were ever furnished with the details, but I take it from the condition of the accounts that they are of very doubtful value. As for the remainder, $8,259.53, a large portion has been collected since the close of the financial year.

In all fairness it may be claimed that in the administration of these properties there are serious obstacles to obtaining as favourable results, rentals, etc., as compared with similar properties in the hands of private individuals. The latter can make terms, periods of leases, etc., as is seen fit, but we can not give any assurance in most cases of any more than a thirty-day term as we do not know when some of these properties may be required by the Government. Hence we cannot expect to obtain as good rentals as parties who can give a lease for one or more years, and this condition also makes it difficult for our agents to retain the tenants we may have. In consequence of the great cost of repairs, higher taxes, etc., the rentals have been raised considerably, principally in the large blocks in Ottawa and Toronto, so far without the tenants making any serious complaint. Our agents have done their work well and I do not anticipate much loss of rental except from unavoidable misfortune to some of our tenants.

The following is a summary of rents collected from public properties during the year ended March 31, 1920.

Hydraulic and other rents	$ 3,606 00
Ottawa, Sussex St.	2,339 00
" Egan Block	400 00
" Wellington St. North	18,666 55
Toronto Post Office site	6,711 23
Province of Manitoba	441 00
Victoria and Vancouver	2,067 50
Public Building sites	4,500 54
Sundry places	65,290 58
Plant rentals	12,306 96
Sales and interest	27,026 00
	$143,355 44

FERRIES.

Of this account the balance due on March 31, 1919, was $1,848.62. There was accrued during the year $1,678.67, making a total of $3,527.29. Of this there was collected $1,632, or $3.50 less than the previous year, leaving a balance of $1,895.29 on March 31, 1920. The greater portion of this balance are old accounts accumulated in past years before the administration was transferred to this Department. (See statement.)

SESSIONAL PAPER No. 19

COMPARATIVE TABLE of Public Works Revenue accrued during the year ended March 31, 1920, compared with that of the Fiscal Year ended March 31, 1919, and of amounts collected on account of same.

—	Year ended March 31, 1920.	Year ended March 31, 1919.	Increase, 1920.	Decrease, 1920.
	$ cts.	$ cts.	$ cts.	$ cts.
Slides and booms—				
Ottawa and District	11,836 82	16,039 64	.....	4,202 82
St. Maurice District	55,165 69	.....	55,165 69	.....
Newcastle District	.....	184 57	.....	184 57
Saguenay District	.....	530 50	.....	530 50
Net increase, $50,247.80	67,002 51	16,754 71	55,165 69	4,917 89
Graving docks—				
Esquimalt, B.C	24,182 77	34,394 45	.....	10,211 68
Kingston, Ont	5,000 00	5,000 00	.....	.....
Levis, P.Q	49,184 33	30,502 24	18,682 09	.....
Selkirk repair slip, Man	2,780 49	2,531 35	249 14	.....
Net increase, $8,719.55	81,147 59	72,428 04	18,931 23	10,211 68
Ferries	1,672 67	423 00	1,249 67	
Rents and Sales—				
Hydraulic rents	3,560 00	3,460 00	100 00	.....
Minor public works	26 00	26 00	.....	.....
Other public properties	146,477 42	105,653 96	40,823 46	.....
	150,063 42	109,139 96	40,923 46	.....
Accrued—				
Slides and booms	67,002 51	16,754 71	50,247 80	.....
Graving docks	81,147 59	72,428 04	8,719 55	.....
Ferries	1,678 67	423 00	1,255 67	.....
Rents and sales	150,063 42	109,139 96	40,923 46	.....
Increase	299,892 19	198,745 71	101,146 48	.....
Collected—				
Slide and boom dues	48,133 41	16,763 45	31,369 96	.....
Graving docks	81,147 59	72,428 04	8,719 55	.....
Ferries	1,632 00	1,635 50	.....	3 50
Rents and sales	143,355 44	100,028 78	43,326 66	.....
Net increase, $83,412.67	274,268 44	190,855 77	83,416 17	3 50

No. 1.—STATEMENT showing the dues accrued on the undermentioned works on the Ottawa River and its tributaries during the fiscal year ended March 31, 1920:—

River or other improvements—	
Main Ottawa	$ 513 82
Petewawa River	1,772 16
Cheneaux Boom	2,017 63
Coulonge River	3,354 48
Dumoine River	206 55
Black River	2,691 33
Madawaska	1,280 85
	$11,836 82

No. 2.—STATEMENT of the number of pieces of square timber, sawlogs, etc., that passed through the Government slides and works on the Ottawa river and its tributaries during the fiscal year ended March 31, 1920:—

Square timber	none.
Saw logs	1,698,946
Dimension timber	4,769
Cedars	120
Railway ties	1,835
Fence posts	2,501
	1,708,171

Also 41,948·25 cords pulpwood.

The revenue accrued from the above was $11,836.82.

THE DRY DOCK AT ESQUIMALT, B.C.

STATEMENT of Dues and other charges collected during the year ending March 31, 1920.

Name of Vessel Docked.	Tonnage.	Period of Dockage. From	Period of Dockage. To	Dockage Charges.	Other Charges.	Total.
				$ cts.	$ cts.	$ cts.
SS. "Princess Charlotte"	3,844	April 3..	April 8..	868 00	29 40	897 40
"Lillooet & Naden"	705	" 9..	" 12..	550 00	28 20	578 20
SS. "Prince George"	3,372	" 14..	" 17..	710 00	37 20	747 20
SS. "Canora"	2,382	" 23..	" 26..	440 00	10 80	450 80
SS. "Restless and Newington"	269	" 25..	May 7..	900 00	5 40	905 40
Launch "Fispa," 2 scows	.....	May 9..	" 16..	550 00	8 40	558 40
SS. "Prince Rupert"	3,379	" 18	" 18..	200 00	.....	200 00
H.M. S. "Rainbow"	1,911	" 20..	" 30..	951 97	99 00	1,050 97
SS. "War Column"	5,825	June 5..	June 6..	200 00	15 60	215 60
SS. "Princess Alice"	3,099	" 9..	" 10..	200 00	9 60	209 60
"Gavinchy and Thiepval"	500	" 10..	" 17..	550 00	13 20	563 20
"Armentieres," two scows	500	" 18..	" 30..	600 00	5 40	605 40
SS. "Champlain"	2,706	July 3..	July 4..	200 00	.....	200 00
H.M.S.S. "Malaspina"	392	" 7..	" 23..	900 00	24 00	924 00
SS. "Montcalm"	2,706	Aug. 8..	Aug. 8..	200 00	.....	200 00
SS. "Adelaide"	3,060	" 27..	" 28..	353 00	14 40	367 40
SS. "Ottawa"	2,706	" 28..	" 29..	335 30	1 20	336 50
SS. "Trois Rivieres"	2,706	Sept. 6..	Sept. 7..	335 30	2 40	337 70
SS. "Frontenac"	2,706	" 13..	" 14..	335 30	4 80	340 10
SS. "Victoria"	2,706	" 20..	" 20..	200 00	.....	200 00
SS. "Princess Charlotte"	3,844	" 22..	" 23..	200 00	11 40	211 40
SS. "Montmagny"	2,706	" 26..	" 27..	335 30	1 80	337 10
SS. "Vancouver"	2,706	Oct. 1..	Oct. 1..	335 30	2 40	337 70
SS. "General Pau"	2,356	" 3..	" 3..	664 00	9 00	673 00
SS. "La Salle"	2,706	" 5..	" 9..	335 30	0 60	335 90
SS. "El Lobo"	4,800	" 13..	" 17..	920 00	75 60	995 60
SS. "Wilfrid Laurier"	2,706	" 17..	" 18..	335 30	8 40	343 70
SS. "Belridge"	7,020	" 20..	" 24..	943 00	31 20	974 20
SS. "Acadie"	2,706	" 24..	" 25..	335 30	1 20	336 50
SS. "Quebec"	2,706	" 30..	" 31..	335 30	.....	335 30
SS. "Acadie"	2,706	Nov. 1..	Nov. 1..	200 00	.....	200 00
SS. "Princess Alice"	3,099	" 3..	" 5..	509 90	7 80	517 70
SS. "Alberta"	2,706	" 5..	" 6..	470 60	1 80	472 40
SS. "Montreal"	2,706	" 14..	" 15..	200 00	.....	200 00
SS. "Nouvelle Ecosse"	2,706	" 25..	" 26..	470 60	.....	470 60
SS. "Canora"	2,382	" 27..	" 28..	438 20	25 20	463 40
Trawler "Gavinchy"	350	Jan. 20–15	Jan. 20–20	1,100 00	10 20	1,110 20
Sch. "Naden"	70					
SS. "Waikemo"	5,627	" 21..	" 27..	3,150 00	54 60	3,204 60
SS. "Prince Albert"	1,015	" 25..	Feb. 1..	504 50	19 80	524 30
H.M.S.S. "Malaspina"	392	Feb. 9..	" 12..	800 00	25 80	825 80
Trawler "Armentieres"	250	Mar. 17..	Mar. 20..	800 00	14 40	814 40
Trawler "Thiepval"	556					
SS "Restless"	76					
SS. "Princess Charlotte"	3,844	" 31	Apr. 1..	584 40	26 40	610 80
				23,545 87	636 60	24,182 47
				Overpaid	.....	0 30
						24,182 77

SESSIONAL PAPER No. 19

THE LORNE DRY DOCK AT LEVIS, P.Q.

STATEMENT of Dues and other charges collected during the year ending March 31, 1920

Name of Vessel Docked.	Tonnage.	Period of Dockage.		Dockage Charges.	Other Charges.	Total.
		From	To			
				$ cts.	$ cts.	$ cts.
SS. "Warriner"	.....	Winter....	.....	939 50	.....	939 50
SS. "Thompson"	.....	"	.....	939 50	.....	939 50
SS. "War Toronto"	.....	Entry fee	.....	200 00	.....	200 00
SS. "War Niagara 14"	2,318	April 29..	May 15..	2,398 75	.....	2,398 75
SS. "War Ottawa 14"	2,305	" 29..	" 15..	2,398 75	1 50	2,400 25
SS. "Eureka 14"	170	" 29..	" 15..	1,140 00	.....	1,140 00
"T.R. No. 47"	.....	Water.....	.....	.....	7 50	7 50
SS. "War Matane " 22	2,258	May 17.	June 13..	3,528 75	.....	3,528 75
SS. "War Mirigan" 22"	2,216	" 17..	" 13..	3,204 50	.....	3,204 50
SS. "War Champlain" 22"	522	" 17..	" 13..	1,780 00	6 00	1,786 00
SS. "Frontenac" 72	2,514	June 17..	Sept. 10..	13,308 75	91 90	13,400 65
SS. "Manoha"	.....	Entry fee	.....	200 00	.....	200 00
SS. " Rio Negro 4"	4,797	Nov. 26..	Nov. 29..	1,282 50	8 75	1,291 25
Sch. "Geo. S. Smith"	.....	Entry fee	.....	200 00	.....	200 00
SS. "Capt. Dan"	.....	"	.....	200 00	.....	200 00
SS. "War Magic 2"	2,323	Dec. 1..	Dec. 2..	371 68	80 00	451 68
SS. "North West 61"	4,244	Sept. 12..	Nov. 24..	15,496 00	.....	15,496 00
SS "Howard W"	.....	Entry fee	.....	200 00	.....	200 00
SS. "Forbach"	.....	"	.....	200 00	.....	200 00
SS. "Boulay"	.....	"	.....	200 00	.....	200 00
SS. "Bitchrie"	.....	"	.....	200 00	.....	200 00
SS. "Canadian Volunteer"	.....	"	.....	200 00	.....	200 00
SS. "Canadian Ranger"	.....	"	.....	200 00	.....	200 00
SS. "Canadian Recruit"	.....	"	.....	200 00	.....	200 00
	23,667			49,184 33	195 65	49,184 33

THE DRY DOCK AT SELKIRK, MANITOBA.

STATEMENT of Dues and other charges collected during the year ending March 31, 1920.

Name of Vessel Docked.	Tonnage.	Period of Dockage. From	Period of Dockage. To	Dockage Charges.	Other Charges.	Total.
				$ cts.	$ cts.	$ cts.
SS. "Wolverine"	278	April 1..	April 30..	78 00	.....	78 80
SS. "Kenora"	533	May 8..	May 10..	144 45	.....	144 45
SS "Grand Rapids"	438	" 10..	" 19..	286 89	.....	286 89
SS. "Goldfield"	56	" 20..	" 26..	65 00	.....	65 00
SS. "Lady of the Lake"	101	" 26..	" 26..	40 20	.....	40 20
SS. "Garry"	120	" 26..	" 27..	25 00	.....	25 00
SS. "Majestic"	127	" 28..	" 29..	30 00	.....	30 40
SS. "Wolverine"	278	" 1..	" 7..	18 00	.....	18 00
Barge No. 3	458	" 30..	June 3..	137 40	.....	137 40
SS. "Roddy S"	56	June 12..	" 14..	80 00	.....	80 00
SS. "Rocket"	56	" 12..	" 13..	50 00	.....	50 00
Mud "Scows for 202	80	" 18..	" 20..	70 00	.....	70 00
SS. "Daisy"	58	" 26..	" 27..	50 00	.....	50 00
SS. "Tempest"	75	July 1..	July 2..	50 00	.....	50 00
SS. "Carbery"	64	" 2..	" 5..	90 00	.....	90 00
Mud scows for 205	100	" 9..	" 12..	90 00	.....	90 00
Coal Barge	60	" 25..	" 26..	50 00	.....	50 00
SS. "Wolverine"	278	" 26..	" 30..	111 20	.....	111 20
SS" Parkdale"	26	" 31..	" 31..	50 00	.....	50 00
SS. "Tempest"	75	Aug. 2..	Aug. 4..	50 00	.....	50 00
SS. "Rocket"	56	" 18..	" 20..	70 00	.....	70 00
SS. "Bradbury"	500	" 22..	" 27..	250 00	.....	250 00
SS. "Tempest"	75	" 29..	" 30..	70 00	.....	70 00
Mud scows for 205	80	Sept. 2..	Sept. 4..	70 00	.....	70 00
Coal Barge	60	" 9..	" 10..	50 00	.....	50 00
Mud scows for 205	100	" 12..	" 13..	50 00	.....	50 00
Barge Alexandria	100	" 17..	" 19..	70 00	.....	70 00
SS. "Garry"	120	" 22..	" 23..	50 00	.....	50 00
SS. "Grand Rapids"	438	" 23..	" 26..	153 10	.....	153 10
Barge "Selkirk"	150	Oct. 1..	Oct. 4..	90 00	.....	90 00
SS." J. R. Spears"	34	" 20..	" 21..	50 00	.....	50 00
SS."Goldfield"	56	" 21..	" 24..	90 00	.....	90 00
SS. "Carbery"	64	" 24..	" 25..	50 00	.....	50 00
SS. "Victor"	26	" 26..	" 27..	50 00	.....	50 00
Dredge 205	245	" 27..	" 27..	50 00	.....	50 00
	Total	for year...	.....	.....	.....	2,779 84
				Overpaid.	.....	0 65
						2,780 49

SESSIONAL PAPER No. 19

ANNUAL STATEMENT OF REVENUE ACCOUNTS OF FERRIES, FOR YEAR ENDING MARCH 31, 1920.

Ferries.	Balance, 22nd July, 1918.	Accrued during period.	Rent return.	Deposited to credit of Receiver General.	Balance.
	$ cts.	$ cts		$ cts.	$ cts.
Hull	1,736 79	.....	.....	.....	1,736 79
St. Clair Station and Lot Kent	45 83	.....	.....	.....	45 83
St. Leonard and Van Buren	30 00	.....	.....	.....	30 00
Edmundston and Maine	20 00	.....	.....	.....	20 00
Pembroke and Allumette (old)	1 00	.....	.....	.....	1 00
Rockliffe and Gatineau Point	.....	1,530 00	April, 1919..	382 50	.....
			July, 1919...	382 50	.....
			Sept., 1919..	382 50	.....
			Jan., 1920...	382 50	.....
Buckingham and Cumberland	15 00	.....	.....	.....	15 00
Niagara and Youngstown	.....	30 00	.....	.....	30 00
Fort Erie and Buffalo	.....	66 67	Sept., 1919..	50 00	16 67
Prescott and Ogdensburg	.....	1 00	May, 1919...	1 00	.....
Fort Francis, Ont., and International Falls, Minn	.....	50 00	Mar., 1920..	50 00	.....
Sombra and Marine City, Mich	.....	1 00	Oct., 1919...	1 00	.....
	1,848 62	1,678 67	.....	1,632 00	1,895 29

REPORT OF THE CHIEF ACCOUNTANT.

By A. G. KINGSTON, CHIEF ACCOUNTANT.

PART I.

EXPENDITURES from Appropriations granted for Public Works.

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia.									
Amherst drill hall, grading, paving, etc	169 55								169 55
" post office, etc		1,220 95		736 29	537 48	556 01	84 00		3,134 73
Annapolis, post office, etc		57 65		580 88	496 40	148 50	50 00		1,333 43
Antigonish, post office, etc		269 04	33 20	582 37	20 50	57 70			962 81
Arichat, post office, etc		50 80		177 45	388 00	50 38			666 63
Baddeck, post office		682 22		602 52	413 15	103 62			1,801 51
Bridgewater, post office, etc		238 65		641 76	332 56	3 30			1,216 27
Canso post office		47 05		644 46	497 00	304 09			1,492 60
Dartmouth, post office (old)		19 40		549 96	302 00	125 04	19 00		1,015 40
" " (new)	80 83	319 17		532 60	1,174 45	519 09	40 00		2,666 14
Digby, (Warne B.), Fisheries Inspector's office			80 00						80 00
" post office		337 24	40 00	585 65	368 12	423 67	64 00		1,818 68
Glace Bay, post office		473 60		600 00	596 27	293 45	44 00		2,007 32
Guysborough, post office		345 56		280 80	423 00	378 15			1,427 51
Halifax, Archives office			178 75	1 50		1 00			181 25
" Custom house, etc		872 18	76 75	6,204 43	3,443 64	549 09	772 07	97 00	12,015 16
" Dennis building, Militia and Defence			10,170 00						10,170 00
" Dominion Analyst's office, 52 Bedford Row			675 00			5 50			680 50
" Eastern Trust Company's building (income tax office)		0 75	1,717 51						1,718 26
" Examining warehouse, etc		181 28	100 00	1,131 64	38 25	222 87	24 76		1,698 80
" Heslin building (gas and electricity office)		1,839 78	556 60	3 25		0 30			2,399 93
" immigration building		93 98			279 25				373 23
" " office, pier No. 2		150 00							150 00
" Inland Revenue office		790 20	937 52				9 12		1,736 84
" Lawlor's Island quarantine station	2,404 85	275 00			950 00				3,629 85

" McCurdy building (Fisheries office)			116 67						116 67
" Naval Service, 121 Hollis street			255 50						255 50
" post office, etc.	10,353 28	2,776 02		6,939 05	2,522 01	2,629 92	759 37	442 24	26,421 89
" " north end	28 00	12 84							40 84
" Public Works office (Clerk of Works residence)		7 00	41 43						48 43
" Simpson, B. (Labour Department)		645 96	1,198 87						1,844 83
" Steamship Inspector's office, 75 Upper Water street			425 00						425 00
" Weights and Measures office, 229 Hollis street		18 75	210 00						228 75
" generally		4 80							4 80
Inverness, post office		294 59		589 37	517 05	275 10	45 00		1,721 11
Kentville, experimental farm	1,732 40				748 01	216 28			2,696 69
" post office, etc		456 62		566 26	428 34	273 79	50 00		1,775 01
Liverpool, post office, etc		1,070 55		809 33	437 75	234 82	18 00		2,570 45
Lunenburg, post office		583 68		641 50	377 72	556 49	59 00		2,218 39
Nappan, experimental farm	13,122 22				142 24	236 67			13,501 13
New Glasgow, post office, etc		1,156 82		583 62	479 23	749 02	100 00		3,068 69
North Sydney, immigration building		213 07			339 50	22 03	14 00		588 60
" post office		752 27		523 38	1,245 61	622 72	32 00		3,175 98
" Public Works office (engineer)			635 00	6 00		3 00			644 00
Parrsboro, post office		21 00	27 50	606 21	240 00	273 40	52 00		1,220 11
Pictou, custom house		167 45		300 00	598 15	52 87	137 50		1,255 97
" post office		102 15		477 62	585 43	233 42	75 00		1,473 62
Shelburne, post office, etc		178 75	59 20	635 71	570 80	240 04			1,684 50
Springhill, post office, etc		46 85		627 39	329 81	256 04	30 00		1,290 09
Stellarton, post office			300 00						300 00
Sydney, "Post" building (Marine and Fisheries, etc.)			540 00						540 00
" post office, etc		1,379 82		839 92	815 86	722 46	59 50		3,817 56
" quarantine station					148 00				148 00
Sydney Mines, post office, etc		1,015 76		462 00	259 96	328 68			2,066 40
Trenton, post office		26 00	600 00		123 70	16 49			766 19
Truro, post office		715 57		554 92	608 99	399 01	32 00		2,310 49
" " (temporary)			40 00						40 00
" " public building (new)	208 00								208 00
Westville, post office		653 83		616 27	324 75	243 77	25 00		1,863 62
Weymouth, post office			100 00						100 00
Windsor, post office, etc		143 89		554 57	559 68	326 11	25 00		1,609 25
Wolfville, post office		591 11		640 92	16 50	192 44	38 00		1,478 97
Yarmouth, post office, etc.		1,945 51		631 16		633 15	72 00		3,281 82
" " temporary	205 58					20 92			226 50
Minor offices throughout the province		459 73							459 73
Nova Scotia, Dominion buildings generally		1,255 70							1,255 70
Totals, Nova Scotia	28,304 71	24,960 59	19,114 50	31,460 76	22,679 16	13,500 40	2,730 32	539 24	143,289 68

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Prince Edward Island.									
Charlottetown, custom house, etc.		585 68	70 00	906 17	648 74	25 80	34 00		2,270 39
" experimental farm.	6,435 15				294 87	208 41			6,938 43
" immigration office.			172 31			5 93			178 24
" post office, etc.		2,312 92		2,987 50	2,041 99	2,136 10	225 00		9,703 51
" Public Works office (Clerk of Work's office)		148 77	177 77	56 60		5 78			388 92
" Public Works office (Superintendent of Dredges)		2 50	150 00	65 00		5 30			222 80
Georgetown, post office, etc.		153 84		133 05	326 05	73 40			686 34
Keppoch, quarantine station	391 21				150 50				541 71
Montague, post office, etc.		477 94		479 43	494 53	77 73			1,529 63
Souris, post office, etc.		518 95		559 28	256 50	153 38			1,488 11
Summerside, post office, etc.		331 71		747 90	598 26	555 30	43 00		2,276 17
Tignish, post office		909 68		728 94	439 18	52 77			2,130 57
Minor offices throughout the province		459 96							459 96
Generally		1,127 87							1,127 87
Totals, Prince Edward Island	6,826 36	7,029 82	570 08	6,663 87	5,250 62	3,299 90	302 00		29,942 65
New Brunswick.									
Bathurst, post office, etc.		251 13		614 95	451 82	291 90	33 00		1 642 80
Campbellton, post office, etc.		301 22		730 85	148 75	571 32	39 00		1,791 14
Campobello, fisheries office			120 00						120 00
" post office				13 20					13 20
Chatham, quarantine station					204 35				204 35
" post office, etc.		174 45	45 00	571 27	479 81	394 07	26 00		1,690 60
Dalhousie, post office, etc.		95 07		622 94	380 40	74 59	19 50		1,192 50
Edmundston, immigration office			60 00						60 00
" post office			400 00						400 00
Fairville, post office		220 85	30 00	637 33	311 37	123 98	17 10		1,340 63
Fredericton, custom house (old post office)		500 91		670 75	12 00	234 27	121 50		1,539 43
" experimental farm	3,219 28				200 90				3,420 18
" post office, etc.		375 20		822 37	615 05	1,058 19	89 80		2,960 61
Grand Falls, post office		100 85		643 94	363 98	223 40	16 50		1,348 67
Hampton post office (Ossekeag)		272 19	25 00	577 17	249 71	26 60			1,150 67
Hartland, post office, etc.		130 42		652 50	408 07	77 45	45 00		1,313 44

Hillsborough, post office, etc.	.....	94 67	.....	580 11	333 95	204 66	.....	.....	1,213 39
Marysville, post office	.....	204 00	.....	182 50	305 49	60 20	.....	.....	752 19
Milltown, post office, etc.	.....	166 90	.....	576 38	431 63	267 74	25 30	.....	1,467 95
Moncton, Labour Department	756 50	97 52	280 00	.....	.....	.....	.....	.....	1,134 02
" post office	.....	642 79	210 00	826 59	893 49	488 21	134 00	.....	3,195 08
" additional post office	125 00	.....	360 00	.....	.....	39 33	.....	.....	524 33
Newcastle, post office, etc.	.....	291 88	.....	624 51	311 36	676 30	35 00	.....	1,939 05
Richibucto, post office	.....	351 35	.....	564 31	236 38	190 34	.....	.....	1,342 38
St. John, custom house, etc.	476 25	726 92	196 23	6,097 73	4,142 60	784 65	1,546 60	225 84	14,196 82
" immigration building	1,106 54	.....	1,052 66	.....	4,981 15	529 19	80 25	.....	7,749 79
" post office, etc. (old)	.....	282 57	.....	3,467 17	1,177 57	576 15	212 05	.....	5,715 51
" " (new)	2,664 48	3,234 87	20 00	9,196 18	4,401 74	2,093 31	424 04	868 62	22,903 24
" quarantine station	28,482 09	651 75	.....	780 00	4,452 18	.....	396 45	.....	34,762 47
" savings bank	.....	781 29	.....	206 85	928 23	248 66	34 96	.....	2,199 99
" West, post office	1,189 25	642 40	.....	414 92	419 04	193 37	9 97	.....	2,868 95
" generally	.....	61 30	.....	.....	.....	.....	.....	.....	61 30
St. Stephen, immigration office	.....	75 20	272 69	.....	75 00	.....	10 92	.....	433 81
" post office, etc	.....	1,026 17	.....	605 49	430 31	195 43	78 43	.....	2,335 83
Sussex, post office, etc.	.....	606 77	.....	550 86	582 88	127 74	77 51	.....	1,945 76
Tracadie, Lazaretto	.....	665 46	.....	1,500 00	5,140 76	102 71	.....	.....	7,408 93
Woodstock, post office, etc.	.....	308 10	.....	655 02	398 08	374 77	.....	.....	1,735 97
Minor offices throughout the province	.....	54 07	.....	.....	.....	.....	.....	.....	54 07
New Brunswick, Dominion buildings generally	.....	1,255 70	.....	.....	1 08	353 70	.....	.....	1,610 48
Totals, New Brunswick	38,019 39	14,643 97	3,071 58	33,385 89	33,469 13	10,582 23	3,472 88	1,094 46	137,739 53
Quebec.									
Acton, Vale, post office	.....	15 99	.....	530 85	291 06	119 03	28 00	.....	984 93
Armstrong, customs and immigration building	.....	195 00	.....	.....	105 00	.....	.....	.....	300 00
Arthabaska, post office	.....	495 59	.....	635 57	475 47	162 29	100 00	.....	1,868 92
Asbestos, post office	.....	.....	200 00	.....	.....	.....	.....	.....	200 00
Athelston, immigration building	.....	66 53	.....	.....	.....	.....	.....	.....	66 53
Aylmer, post office	.....	59 87	.....	134 91	408 75	232 15	15 25	.....	850 93
Beauharnois, post office	.....	12 10	305 00	.....	288 83	47 19	.....	.....	653 12
Berthierville, post office	.....	2,338 68	.....	105 07	325 47	84 59	.....	.....	2,853 81
Black Lake, post office	.....	.....	150 00	.....	.....	.....	.....	.....	150 00
Brownsburg, post office	.....	.....	99 96	.....	.....	.....	.....	.....	99 96
Buckingham, post office	.....	80 51	.....	214 27	186 28	131 20	65 10	.....	677 36
Cap Rouge, experimental farm	7,349 07	.....	.....	.....	1,587 69	.....	.....	.....	8,936 76
Chicoutimi, post office, etc.	.....	97 50	80 00	658 01	896 75	211 80	300 00	.....	2,244 06
Coaticook post office, etc.	.....	402 66	.....	647 63	628 66	257 52	85 00	.....	2,021 47
Compton, post office	.....	3 00	110 00	.....	.....	.....	.....	.....	113 00
Cookshire, post office	.....	386 75	.....	572 77	376 35	156 96	20 00	.....	1,512 83
Drummondville, post office, etc.	.....	1,078 98	.....	741 39	285 00	95 17	.....	.....	2,200 54
Dundee, custom house	.....	11 50	.....	19 92	167 60	86 74	.....	.....	285 76
East Angus, post office	.....	233 77	.....	639 14	403 40	320 30	.....	.....	1,596 61
Farnham, experimental farm	2,062 54	.....	.....	.....	.....	.....	.....	.....	2,062 54
" post office	3,109 73	.....	.....	568 64	61 00	103 65	20 00	.....	3,863 02

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.									
Fraserville post, office, etc		178 39		566 90	762 24	133 07	200 00		1,840 60
Granby, post office	12 46	1,276 98		666 38	525 15	261 49	157 50		2,899 96
Grosse Isle quarantine station, improvements and repairs		14,390 86							14,390 86
" " " new buildings, etc.	615 90								615 90
" " " boiler house, etc.	25,837 70				69 36				25,907 06
Hull, post office		223 85		139 74	706 62	111 23	376 10		1,557 54
Hemmingford (Huntingdon) immigration office			65 00						65 00
Huntingdon, post office			675 00						675 00
Iberville, post office		133 06		493 86	149 00	64 41	38 00		878 33
Joliette, post office, etc		766 73		823 85	533 00	320 98	110 00		2,554 56
Jonquieres, post office		848 69		599 91	404 77	110 44	23 04		1,986 85
Knowlton, post office		69 40		204 23	381 52	135 30	21 00		811 45
Lachine post office		207 70		149 96	398 67	181 14	48 26		985 73
Lachute, post office		229 36		523 17	90 71	447 96	37 50		1,328 70
Lacolle, immigration office		132 90	100 00		65 00	12 00			309 90
Laprairie, post office		112 26		169 98	324 78	82 90	22 50		712 42
L'Assomption, post office		51 07		316 59	368 99	46 98	65 00		848 63
Lennoxville, experimental farm	5,960 24				630 17	152 34			6,742 75
Levis, post office, etc		295 19		959 12	713 62	268 65	292 50		2,529 08
Longueuil, post office		770 39		490 71	250 70	50 00	62 70		1,624 50
Louiseville, post office		40 58		676 54	349 55	303 85	20 00		1,390 52
Magog, post office, etc		435 85		558 85	444 83	140 55	58 92		1,639 00
Marieville, post office		113 75		526 81	353 43	89 99			1,083 98
Matane, post office		23 45		640 70	571 03	56 25	90 00		1,381 43
Megantic, post office		48 48		661 53	139 75	317 50			1,167 26
Mont Joli, post office		45 72	240 00	9 85	106 50	12 60			414 67
Montmagny, post, office etc		39 09	84 00	590 53	326 16	186 55	50 00	61 65	1,337 98
" public works storage			50 00						50 00
Montreal, Board of Commerce, 15 St. James st			85 00						85 00
" Corestine building (Trade and Commerce)			849 96						849 96
" custom house	88,641 52	895 29	75 54	27 25	706 38	558 41	640 20		91,544 59
" " (canal office)		63 93			22 90	22 66	17 46		126 95
" examining warehouse (old)	4,924 54	14 10	37 64	135 62	5,851 53	1,548 54	1,471 48	582 09	14,565 54
" " " (new)	2,289 50	374 25		498 62	14,195 94	3,080 18	4,074 00	2,989 29	27,501 78
" forests products laboratory		51 31			781 65	1,024 61	160 99	1,600 20	3,618 76
" immigration building	1,881 62			2 17	3,562 54	8 52	1,135 80	161 19	6,751 84
" " detention building	1,475 00								1,475 00

" inland revenue building		87 97		370 55	843 07	115 77	145 50		1,562 86
" "La Sauvegarde" building (Signal Service)			366 65						366 65
" post office, etc	2,898 10	8,349 00	401 05	3,355 09	8,327 33	10,487 24	4,638 52	4,786 90	43,243 23
" " annex (old Herald building)		88 93	8,098 93	28 30	771 18	170 21	349 20	365 80	9,872 55
" postal station "A"		1,404 59	33 26	54 10	1,445 70	343 77	261 90	704 10	4,247 42
" " "B"		991 91		759 10	966 95	411 31	582 00		3,711 27
" " "C"		760 21	15 29	49 80	950 21	289 12	604 41		2,669 04
" " "D"		456 14		819 55	902 89	210 61	174 60		2,563 79
" " "E"		410 94		644 75	474 57	240 58	78 82		1,849 66
" " "F"	179 55	66 61	8 68	39 10	529 69	334 48	190 62		1,348 73
" " "G"	24 37								24 37
" " "H," etc		1,935 85	98 93	130 05	3,163 73	1,107 36	1,773 11	2,560 48	10,769 51
" " "L"		641 19		46 95	855 37	280 91	175 32		1 999 74
" " "M"		6 75	600 00	2 20	209 44	42 39	14 00		874 78
" " "N"		40 90	6,814 80	4 40		325 77	232 80		7,418 67
" " "O"		438 76		600 00	520 75	92 40	68 10		1,720 01
" " "S"		67 00		4 40	430 23	102 92	104 76		709 31
" " Delorimier avenue		112 62	853 33	1 25	3 65	96 19	58 20		1,125 24
" " Hochelaga		541 62		305 65	372 63	109 32	139 68		1,468 90
" " Ste. Cunegonde			1,750 00						1,750 00
" " St. Henri		199 94		11 30	414 20	206 36	52 83		884 63
" " Outremont		828 68	2,100 00	128 00		115 13	17 54		3,189 35
" " Verdun		163 83	1,229 44	27 58		19 24	47 25		1,497 34
" Windsor station mail room		256 97	213 00	115 20				100 80	685 97
" Shaughnessey building (Marine, etc.)		173 95	14,943 87			405 54	437 10		15,960 46
" Supervising Engineer's office			34 66						34 66
" Westmount inland revenue office		108 69	236 00						344 69
" generally		6,548 79		128,823 90	16 50	2,860 40			138,249 59
Murray Bay, post office, etc		13 30		581 33	782 30	216 01	150 00		1,742 94
Nicolet, post office, etc		27 20		522 49	147 57	188 10	70 80		956 16
Nomininge, immigration building			2 00	300 00	205 00	11 75			518 75
Pierreville, post office		39 68		165 20	163 64	45 68	15 00		429 20
Plessisville, post office		329 65		149 33	61 00	371 63	55 90		967 51
Quebec, archives office			418 00	380 13	1 00	8 40			807 53
" Canada Food Board, 103 St. John street			41 66						41 66
" citadel (Governor General's quarters)		936 27	33 55	667 70	1,391 12	243 28			3,271 92
" custom house, etc	531 52	762 97	135 29	4,232 49	3,075 25	919 00	800 00	706 00	11,162 52
" examining warehouse		107 20		3,571 88	1,706 59	325 90	450 00	900 00	7,061 57
" immigration buildings (Louise embankment)		344 09			390 46	937 94	49 37	1,371 00	3,092 86
" immigration detention hospital (Savard Park)	30 60	49 05			395 16	128 86			603 67
" immigration detention hospital (Medical Superintendent's residence)			600 00						600 00
" marine agency (King's wharf)	9,560 51	240 95			899 27		750 00		11,450 73
" observatory						53 28	50 00		103 28
" post office, etc	2,801 00	4,068 62	240 36	13,124 86	5,468 69	1,706 16	60 00	1,382 27	28,851 96
" postal station "B"		278 84	3,000 00			221 67			3,500 51
" Faubourg St. Jean post office			2,050 00	88 50		49 84			2,188 34

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.									
Quebec Candiac post office			75 00						75 00
" St. Roch post office		484 13		969 70	554 87	369 28	375 00	35 48	2,788 46
" St. Sauveur post office		100 59		495 81	450 77	235 88	155 00		1,438 05
" weights and measures office		77 39			184 72	12 50			274 61
" generally		1,222 14		5,886 67		1,231 77			8,340 58
Richmond, post office, etc		182 75		644 81	482 44	373 62	25 00		1,708 62
Rigaud, post office, etc		25 94		340 86	326 40	180 13	22 00		895 33
Rimouski, post office, etc		307 74		388 35	942 13	129 25	150 00		1,917 47
Roberval, post office, etc		25 12		656 10	1,059 15	216 84	25 00		1,982 21
Rock Island, post office, etc		15 60		600 59	549 75	248 35	28 52		1,442 81
Ste. Agathe des Monts, post office		82 17		640 03	527 08	272 14			1,521 42
Ste. Anne de Bellevue, post office		3 10	250 00				28 00		281 10
Ste. Anne de la Pocatiere, experimental farm	4,549 34				562 83				5,112 17
St. Eustache, post office			225 00			21 52	22 50		269 02
St. Felix de Valois, post office			87 00						87 00
St. Gabriel de Brandon, post office		513 69		609 67	591 60	92 26	50 00		1,857 22
St. George de Beauce, post office		1 00	200 00						201 00
St. Hyacinthe, inland revenue building		252 70		562 26	309 60	63 20	189 00		1,376 76
" post office, etc		320 15		758 18	750 19	196 63	189 00		2,214 15
St. Jean, custom house		5 00		352 45	294 85	72 93	60 00		785 23
" post office		597 94		301 60	447 71	144 49			1,491 74
St. Jerome, post office, etc		74 89		585 21	584 75	49 73	57 62		1,352 20
St. Joseph de Beauce, post office		1 65	200 00			24 75	9 00		235 40
St. Lambert, post office		426 47		580 64	470 25	74 40	26 52		1,578 28
St. Ours, post office	30 50								30 50
Ste. Rose, post office			162 00						162 00
Ste. Therese, post office, etc		38 34		614 11	342 75	208 30			1,203 50
St. Tite, post office			200 00		144 16	49 69			393 85
Sayabec, post office			125 00						125 00
Shawinigan Falls, post office		294 96		596 50	766 50	184 25	45 80		1,888 01
Shawville, post office				549 96	87 28	409 06			1,046 30
Sherbrooke, post office, etc	647 28	971 43	16 75	1,027 69	841 67	708 01	43 84		4,256 67
" post office inspector's office		2 30	996 00			11 13			1,009 43
" engineer's office (D.P.W.)			1,555 29						1,555 29
Sorel, post office, etc		33 93		660 85	858 01	539 14	250 00		2,341 93
Spirit Lake (Pontiac) experimental farm	408 33				926 98				1,335 31
Stanstead Plain, post office			113 00						113 00
Terrebonne, post office, etc		458 21		327 46	103 50	151 37	17 00		1,057 54
Thetford Mines, post office, etc		80 17		205 05	449 57	282 78	30 00		1,047 57

Trois Pistoles, post office			75 00						75 00
Trois Rivieres, post office, etc. (temporary)	14 00								14 00
" post office, etc. (new)	19,359 77		64 06	3,326 16	3,609 50	679 27			27,038 76
" public building, Government's share of taxes and local improvements	6,190 25								6,190 25
Valleyfield, post office, etc		823 24		972 71	812 98	271 08	90 00		2,970 01
Victoriaville, post office, etc		167 77	2 00	334 50	498 56	177 98	100 00		1,280 81
Minor offices throughout the province		711 45			228 66				940 11
Quebec province generally		2,983 80				1 50			2,985 30
Totals, Quebec	191,384 94	70,476 48	51,871 95	198,994 09	94,918 15	43,225 44	24,392 43	18,307 25	693,570 73

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements	Repairs and Furniture.	Sundry Maintenance.	Rents.	Salaries.	Heating.	Lighting.	Water.	Power.	Total.
Ottawa Buildings.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Parliament buildings, restoration	2,359,063 28									2,359,063 28
Central heating plant (construction)	34,145 24									34,145 24
Central heating plant operation during a portion of the firing season for the heating of the Parliament buildings, East and Western departmental buildings, Langevin building, City post office and Supreme Court					4,033 23	32,415 43				36,448 66
Parliament and other buildings as above: Cost of operating individual heating plants for other portion of heating season					43,777 62	13,899 16	24,993 12			82,669 90
Hunter building	699,880 87				12,042 73	8,174 82	980 04			721,078 46
Connaught building					11,418 29	13,686 31	2,404 99			27,509 59
Grounds, including Major Hill park			5,656 10		923 33	1,997 50	386 03			8,962 96
Power for elevators									29,300 69	29,300 69
Repairs, furniture, etc		469,677 28								469,677 28
Steel fittings	52,279 21									52,279 21
Telephone service			66,653 77							66,653 77
Sites for new departmental buildings, Wellington street west	210 21									210 21
Maintenance of acquired properties:—										
Sussex street					1,267 26	807 75	16 20			2,091 21
Wellington street east					600 00	966 35	194 53			1,760 88
" " west					6,791 87	24,625 99	2,552 42			33,970 28
Archives building					2,220 00	1,963 55	226 92			4,410 47
Astronomical observatory			2,372 55		1,839 96	1,201 47	755 45			6,169 43
Biological laboratory						500 44	132 77			633 21
Experimental farm	33,898 72					8,608 22	2,363 73			44,870 67
Fuel testing building					826 46	2,493 20	492 84			3,812 50
Geodetic building					999 96	804 67				1,804 63
Mines building, Sussex street	332 55				4,172 41	2,421 00	1,804 59			8,730 55
National Art Gallery	3,303 00		6,640 52							9,943 52
Printing Bureau						13,944 50	4,996 32			18,940 82
" freight elevators	88 65									88 65
Public works workshop					1,178 68	2,467 93	406 08			4,052 69
Rideau Hall		27,448 33								27,448 33
" grounds, greenhouses, etc			14,413 61							14,413 61

" snow			2,253 80							2,253 80
" fuel and light			17,000 00			70 50				17,070 50
" watchman			799 22							799 22
Royal Mint					1,285 09	8,193 38	136 89			9,615 36
Victoria Island Shipyard					1,218 34	587 50				1,805 84
Victoria Memorial Museum					14,133 40	18,288 24	4,239 25			36,660 89
Government's share of cost of paving Elgin street fronting Cartier Square and Victoria Memorial Museum	11,614 91									11,614 91
Government's share of cost of paving St. Patrick street to Mackenzie avenue	1,645 00									1,645 00
Local improvements on Carling avenue opposite Experimental Farm	6,616 20									6,616 20
Departments generally, care and cleaning of departmental buildings, etc. (formerly voted under Civil Government Estimates)			347,165 86							347,165 86
Sundry rented buildings				681,197 37	39,038 64	33,670 89	15,800 83	3,588 22		773,295 95
Totals, Ottawa buildings	3,203,077 84	497,125 61	462,955 43	681,197 37	147,767 27	191,788 80	62,883 00	3,588 22	29,300 69	5,279,684 23

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario (excluding Ottawa).									
Acton, post office, etc.		21 84		601 21	260 90	119 24			1,003 19
Alexandria, post office, etc.		614 47		499 92	494 50	222 30	9 30		1,840 49
Almonte, post office, etc.		119 67		675 60	560 21	344 89	75 00		1,775 37
Amherstburg, post office, etc.	674 24	260 55		560 41	375 00	72 35	8 75		1,951 30
Arnprior, post office, etc.		41 82		616 46	484 03	315 78	32 00		1,490 09
Athens, post office, etc.		152 90		71 25	291 80	130 85			646 80
Aurora, post office, etc.		12 95		614 26	407 82	37 10	16 00		1,088 13
Aylmer West, post office, etc.		94 99		605 46	285 00	179 18	32 41		1,197 04
Barrie, post office, etc.		158 01		632 37	746 13	194 24	50 00		1,780 75
Belleville, armouries	595 71								595 71
" Dayle building, income tax office			666 69						666 69
" Standard Bank, income tax office			38 95						38 95
" Food Inspector's office			21 73						21 73
" post office, etc.	1,045 22	1,025 16		1,048 55	1,180 07	957 53	52 50		5,309 03
Blenheim, post office			200 00						200 00
Bowmanville, post office, etc.		51 50		514 58	277 88	107 92	39 88		991 76
Bracebridge, post office, etc.		129 43		602 51	527 31	94 00	7 65		1,360 90
Brampton, post office, etc.		33 55		647 70	521 80	95 48	26 26		1,324 79
Brantford, post office, etc.		890 58		6,075 32	1,905 20	244 03	87 24	304 62	9,506 99
Bridgeburg, immigration office		67 31							67 31
" post office, etc.		36 82		395 58	236 00	171 75	23 75		863 90
Brighton, post office			100 00						100 00
Brockville, post office, etc.		151 86	24 00	1,185 36	748 50	486 53	153 00		2,749 25
Brussels, post office		6 58							6 58
Burford, post office, etc.				582 26	65 40	89 76			737 42
Cardinal, post office		60 27		5 38	217 55	66 05	15 00		364 25
Carleton Place, post office, etc.		1 14		622 96	284 60	182 11	31 52		1,122 33
Cayuga, post office		42 75		311 00	87 91	99 89			541 55
Chapleau, post office			93 75						93 75
Chatham, post office, etc.		91 27		681 45	224 69	207 47	11 90		1,216 78
Chesley, post office, etc.		290 48		620 05	181 15	166 06	25 00		1,282 74
Clinton, post office, etc.		85 90		574 98	190 20	101 35	10 96		963 39
Cobalt, post office			2,000 00						2,000 00
Cobourg, post office, etc.		809 90		759 20	445 90	203 80	39 37		2,258 17
" immigration office		67 31							67 31
Collingwood, post office, etc.		717 75		947 16	1,456 50	189 15	138 14		3,448 70
Cornwall, post office, etc.		151 27		1,029 75	934 32	261 61	75 00		2,451 95

Deseronto, post office, etc	2,300 00	353 35		583 59	867 86	381 45	39 00		4,525 25
Dresden, post office		383 96		621 31	238 20	189 24	27 50		1,460 21
Dundas, post office		425 18		768 06	345 14	145 08	34 15		1,717 61
Dunnville, post office (site)		5 50							5 50
Durham, post office (site)	49 50								49 50
Eganville, post office, etc		11 62		624 44	461 24	222 65	34 00		1,353 95
Elmira, post office, etc		18 03		611 04	321 75	53 41	8 18		1,012 41
Elora, post office		45 28		612 21	337 16	65 16		6 00	1,065 81
Essex post office		21 58		623 46	368 84	108 38	37 50		1,159 76
Fergus, post office		13 07		603 46	71 04	94 40	25 00		806 97
Fort Erie, immigration building		66 82							66 82
Fort William, examining warehouse, etc		596 13	57 10	3,633 97	1,172 00	82 57	162 00	198 00	5,901 77
" post office	4,042 54	197 30		709 25	910 00	313 36	90 00		6,262 45
Galt, post office, etc	165 53	671 17		695 34	526 00	148 94	38 10		2,245 08
Gananoque custom house		450 11			330 25	51 70	19 93		851 99
" post office, etc		22 43		606 56	398 40	92 64	25 80		1,145 83
Glencoe, post office, etc		129 87		565 56	349 70	119 20	25 50		1,189 83
Goderich, post office, etc		21 74		631 25	229 47	115 25	120 00		1,117 71
Grimsby, post office, etc		14 85		643 37	262 78	77 30	20 00		1,018 30
Guelph, post office, etc	18 75	366 97		945 48	586 37	218 51	53 79		2,189 87
Hamilton, gas and electric inspector's office		106 07	632 00		43 76	18 42			800 25
" Grand Trunk mail room			40 00						40 00
" post office, etc	151 63	2,427 00		11,397 38	1,874 97	717 54	1,375 60	56 16	18,000 28
" postal station "B"	16,432 95	17 90	1,200 00			15 62	4 40		17,670 87
" public building	23,813 97								23,813 97
" weights and measures office		135 13			21 88	5 90			162 91
Hanover, post office, etc		5 40		571 37	1,021 69	123 10	38 00		1,759 56
Harriston, post office, etc		98 58		559 60	556 50	129 81	28 50		1,372 99
Hawkesbury, post office, etc		7 94		604 06	312 45	171 92	23 75		1,120 12
Hespeler, post office	9 85								9 85
Ingersoll, post office, etc		237 77		705 00	832 00	159 64	23 42		1,957 83
Kapuskasing (Algoma), experimental farm	43 37				593 82				637 19
Kemptville, post office, etc		705 00		100 78	365 61	171 27			1,342 66
Kenora, post office, etc		122 05		647 34	762 15	364 24	70 76		1,966 54
Kincardine, post office		44 25		266 56	557 56	101 20	40 00		1,009 57
Kingston, custom house		147 30		847 50	522 90	147 13	54 40		1,719 23
" immigration office		62 49	180 00	87 00		6 00			335 49
" income tax office		52 60	615 00	85 74	59 95	10 73			824 02
" inland revenue office, etc		406 38	2,266 20	676 09	482 00	177 31	50 63		4,058 61
" ordnance stores			283 33						283 33
" post office, etc		679 91		733 95	853 30	551 13	55 10		2,873 39
" R.M.C. educational block	150,009 05								150,009 05
" generally				21 20		58 00			79 20
Kingsville, post office	4 86								4 86
Kitchener, examining warehouse			1,440 00	90 00		6 06	2 70		1,538 76
" G.T.R. station mail room			50 00						50 00
" post office, etc		262 66		679 69	548 49	150 60	27 11		1,668 55
Lakefield, post office		19 43		634 18	425 80	301 95			1,381 36
Lansdowne, post office			25 00		72 27				97 27
Leamington, post office, etc		370 05		570 84	106 60	157 80	27 75		1,233 04

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario excluding Ottawa—Continued.									
Lindsay, post office, etc.		161 34		734 45	705 52	219 58	36 85		1,857 74
Listowel, post office, etc.		48 51		609 46	627 80	115 47	60 92		1,462 16
London, custom house.		193 33		1,870 51	1,131 57	294 51	99 21		3,589 13
" post office, etc.		988 99	80 00	3,222 92	3,591 58	544 56	187 12		8,615 17
L'Orignal, post office.			125 00						125 00
Markham, post office.				600 00	189 06	37 50	5 00		831 56
Merrickville, post office.			200 00						200 00
Midland, post office, etc.		10 20	34 41	580 12	449 20	148 19	24 75		1,246 87
Mildmay, post office, etc.				65 30	84 03				149 33
Milton, post office.		174 80		596 01	257 20	66 80	16 50		1,111 31
Milverton, post office, etc.		1 25		682 80	375 00	110 09			1,169 14
Mitchell, post office.		6 05		601 01	431 71	73 52	40 00		1,152 29
Morrisburg, post office (site).	147 50								147 50
Mount Forest, post office.		14 65		406 20	648 30	173 51	15 68		1,258 34
Napanee, post office.		199 40		602 28	488 80	206 18	72 41		1,569 07
Newmarket, post office, etc.		165 20		632 89	369 23	69 42	12 49		1,249 23
Niagara Falls, immigration office.		67 09							67 09
" post office, etc.		379 70		735 24	894 21	96 42	55 99		2,161 56
North Bay, post office, etc.		503 78	13 00	1,161 80	1,040 08	260 71	36 00		3,015 37
" Angus block, Hydrometric survey.			120 00						120 00
Norwich, post office, etc.		10 65		592 38	589 35	96 78	25 00		1,314 16
Orangeville, post office, etc.		2 45		625 49	272 33	64 06	20 00		984 33
Orillia, post office, etc.		86 45		614 72	1,007 30	219 13	25 88	16 20	1,969 68
Oshawa, post office, etc.	22,316 62	213 34		831 65	542 68	125 28	32 92		24,062 49
Owen Sound, post office, etc.		282 60		1,069 80	971 82	162 77	72 44		2,559 43
Palmerston, post office, etc.		189 14		654 07	702 36	178 26			1,723 83
Paris, armoury.	156 40								156 40
" post office.		132 89		561 32	447 41	84 23	45 60		1,271 45
Parkhill, post office, etc.		38 26		211 03	388 00		8 88		646 17
Pembroke, post office, etc.		275 78		766 64	896 64	369 85	40 00		2,348 91
Perth, inland revenue office.			393 96						393 96
" post office.	12 04								12 04
Peterborough, custom house.		321 29		612 60	417 00	141 27	50 00		1,542 16
" post office, etc.		351 82		1,090 52	709 36	214 48	75 00		2,441 18
" weights and measures office.			262 50						262 50
Petrolia, post office, etc.		1,421 96		477 10	445 95	152 76	47 76		2,545 53
Picton, post office, etc.		100 06		559 24	449 65	141 36	39 50		1,289 81
" weights and measures office.			42 00		39 44				81 44

Port Arthur, examining warehouse, etc.		51 27	38 25	4,798 46	603 08	298 05	116 39	540 77	6,446 27
" immigration building		21 53							21 53
" post office, etc	2,993 24	108 40		682 90	887 50	326 58	39 97		5,038 59
" generally				13 25					13 25
Port Colborne, post office		1,164 26		575 34	252 00	168 64	20 00		2,180 24
Port Hope, post office, etc		95 50		695 35	638 00	640 79	6 51		2,076 15
Port Perry, post office		24 06		690 91	640 23	146 92	44 04		1,546 16
Prescott, custom house		83 98		22 15	292 00	16 90	60 00		475 03
" post office		1,124 33		1,097 84	499 00	102 86	60 00		2,884 03
Preston, post office, etc		37 98		792 27	613 80	143 49	65 60		1,653 14
Renfrew, post office, etc		345 68		696 13	562 29	174 28	27 00		1,805 38
Ridgetown, post office			300 00						300 00
St. Catharines, income tax office			300 00						300 00
" post office, etc		606 15		647 66	579 14	136 30	130 13		2,099 38
St. Mary's, post office, etc		138 68		510 42	523 00	172 07	22 82		1,366 99
St. Thomas, post office	73 23	167 16		561 10	670 50	245 56	18 91		1,736 46
Sandwich, post office, etc		501 49		588 34	162 20	107 31	13 00		1,372 34
Sarnia, immigration office		62 16							62 16
" post office, etc		653 32		643 48	510 75	223 06			2,030 61
Sault Ste. Marie, post office, etc		1,239 67	89 24	2,413 92	1,816 00	584 94	91 43	420 62	6,655 82
Seaforth, post office		74 32		594 52	469 04	123 15	19 50		1,280 53
Shelburne, post office, etc		21 45		681 16	563 25	117 57	11 00		1,394 43
Simcoe, post office, etc		707 26		541 80	355 76	135 85	20 00		1,760 67
Smith's Falls, post office, etc		45 70		660 30	453 50	271 62	88 00		1,519 12
Steelton, post office		19 00		549 96	441 50	62 79	34 50		1,107 75
Stratford, post office, etc		488 06		872 22	727 08	274 65	43 50		2,405 51
Strathroy, post office, etc	285 14	311 59		616 38	416 80	93 27	22 50		1,745 68
Sturgeon Falls, post office			650 00						650 00
Sudbury, post office, etc	623 37	35 50		771 80	2,938 56	1,046 95	233 18		5,649 36
Tilbury, post office		442 70		618 86	234 90	140 16	14 00		1,450 62
Tillsonburg, post office, etc		45 77		632 50	322 02	113 65	29 45		1,143 39
Toronto, Asst. Receiver General's office	45,386 05								45,386 05
" Asst. Receiver General's office, temporary, 35 King St. W		58 91	8,333 30	37 30	17 06	214 79	33 91		8,695 27
" Board of Trade building, custom house	972 06	506 38	14,266 52	1,144 52	20 00	941 85			17,851 33
" custom house		149 09		76 50	1 50	26 31	9 45	22 39	285 24
" " (new)	19,151 14								19,151 14
" Customs express office		186 56		246 40	196 56	402 44	51 60	65 62	1,149 18
" examining warehouse	4,496 25	14 50		352 94	2,472 06	520 94	96 41	332 44	8,285 54
" " 276 King St. W	1,727 56	753 75	11,458 33	230 99	1,441 10	324 27	157 86	242 03	16,335 89
" gas and electric inspector's office			180 00			2 78			182 78
" inland revenue building, 10 Toronto St		152 48		96 47	650 18	117 75	12 17		1,029 05
" " " 172 King St. E	829 59	902 40	375 00			3 39			2,110 38
" Orthopaedic hospital, Government's share of local improvement taxes	3,271 74								3,271 74
" Pacific building (grain inspection)			330 00						330 00
" post office, etc	7,429 41	5 00	311 22	1,904 76	7,733 44	5,460 55	788 35	417 56	24,050 29
" post office, taxes and repairs to buildings on site purchased for addition, but still occupied by private tenants	6,166 45								6,166 45

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario, excluding Ottawa—Continued.									
Toronto postal station "A", old G.T.R. station.	.....	1,494 68	1,800 00	2,888 45	33 89	306 45	.....	507 13	7,030 60
" " "A", new " ..	408,759 71	45 10	.....	.....	2 00	96 08	.....	.....	408,902 89
" " "A" (temporary).....	.....	189 18	.....	96 56	989 87	857 91	142 20	.....	2,275 72
" " "C".....	.....	98 88	.....	800 70	573 14	188 68	54 55	.....	1,715 95
" " "D".....	.....	176 98	.....	806 32	577 05	170 31	13 37	.....	1,744 03
" " "E".....	.....	215 66	1,397 95	45 20	33 37	165 40	21 16	.....	1,878 74
" " "F", etc.....	.....	515 22	68 03	1,066 90	576 87	194 79	47 03	.....	2,468 84
" " "G".....	.....	85 49	.....	1,106 89	468 85	281 55	19 07	.....	1,961 85
" " "H".....	.....	18 75	960 00	29 15	20 58	58 10	.....	.....	1,086 58
" " "K".....	.....	82 16	.....	707 65	713 75	88 35	32 40	.....	1,624 31
" post office garage, Richmond street....	.....	472 75	.....	87 07	985 64	221 35	202 33	253 27	2,222 41
" generally.....	.....	374 09	.....	57,478 84	.....	787 58	.....	.....	58,640 51
Trenton, post office, etc.....	.....	1,576 74	.....	621 44	959 32	132 62	75 00	.....	3,365 12
Uxbridge, post office, etc.....	.....	1 00	.....	624 96	618 39	178 80	.....	.....	1,423 15
Vineland, entomological laboratory.....	.....	6 75	.....	.....	.....	.....	.....	.....	6 75
Walkerton, post office, etc.....	.....	289 64	.....	552 46	457 50	200 90	31 00	.....	1,531 50
" rural mail shelter.....	19 19	.....	.....	.....	.....	.....	.....	.....	19 19
Walkerville, post office, etc.....	.....	94 74	.....	1,064 29	820 50	273 34	46 05	.....	2,298 92
Waterloo, post office, etc.....	.....	77 75	.....	660 91	771 61	120 61	50 63	.....	1,681 51
Welland post office, etc.....	1,200 00	574 88	.....	615 52	522 60	128 75	37 48	.....	3,079 23
Whitby, post office, etc.....	.....	134 20	.....	526 85	355 21	82 65	38 00	.....	1,136 91
Windsor, post office, etc.....	.....	924 23	.....	1,909 20	1,251 00	469 09	114 90	.....	4,668 42
" engineer's office (D.P.W.).....	.....	.....	678 02	183 55	.....	1 87	6 52	.....	869 96
" engineer's office (D.P.W.) (Merchants Bank building).....	.....	.....	315 00	.....	.....	.....	.....	.....	315 00
Wingham, post office.....	.....	57 90	.....	224 92	562 90	395 40	29 56	.....	1,270 68
Woodstock, post office, etc.....	.....	271 97	.....	1,046 43	662 10	131 87	34 85	.....	2,147 22
Minor offices throughout the province.....	.....	2,009 46	.....	.....	.....	.....	.....	.....	2,009 46
Generally.....	.....	1,203 60	.....	.....	.....	11 55	.....	.....	1,215 15
Totals, Ontario (excluding Ottawa).....	725,373 86	44,589 72	53,055 48	175,208 07	91,002 79	35,158 20	8,066 38	3,382 81	1,135,837 31
Manitoba.									
Brandon, examining warehouse.....	.....	.....	1,875 00	.....	216 41	15 00	.....	.....	2,106 41
" experimental farm.....	4,516 38	.....	.....	.....	1,239 53	325 25	.....	60 00	6,141 16
" immigration building.....	.....	3 05	.....	.....	218 37	.....	.....	.....	221 42
" post office, etc.....	5,822 01	736 17	.....	1,159 77	1,802 25	1,602 90	158 57	.....	11,281 67
Carman, post office.....	.....	2 75	.....	663 05	606 90	176 40	52 00	.....	1,501 10
Dauphin, post office, etc.....	.....	221 93	.....	660 70	868 00	430 33	46 20	.....	2,227 16

Emerson, immigration office		35 00	45 00		51 62				131 62
" post office, etc		197 45		650 25	943 00	114 77			1,905 47
Gimli, post office			140 00						140 00
Le Pas, post office			600 00		135 00				735 00
" lands office		20 30	600 00						620 30
Melita, post office			163 00						163 00
Minnedosa, post office, etc		26 60		744 81	1,026 65	180 86			1,978 92
Morden, experimental farm	7,129 61				532 25				7,661 86
" post office, etc		155 00		782 42	1,059 55	96 54			2,093 51
Neepawa, post office, etc		369 10		893 26	754 93	138 65	27 45		2,183 39
Portage la Prairie, examining warehouse		3 00	420 00			11 75	24 00		458 75
" armoury, etc		11 40		560 65	798 19	86 90	93 40		1,550 54
" post office	92 70	208 50		828 80	1,619 08	852 10	53 70		3,654 88
St. Boniface, post office		695 26		746 00	31 52	91 62	13 42		1,577 82
Selkirk, post office		707 65		820 47	822 25	69 88	18 33		2,438 58
Shoal Lake, post office			180 00						180 00
Souris, post office, etc		545 55		748 70	500 85	166 51	61 72		2,023 33
Sprague, immigration building		33 25							33 25
Stonewall, post office		7 20		496 70	198 80	39 14			741 84
Transcona, post office			900 79						900 79
Virden, post office, etc		80 05		784 25	792 14				1,656 44
Winnipeg, Advocate building (gas and electric inspection)		378 68	900 00	127 15					1,405 83
" Boyd building (Archives, etc.)		39 70	1,434 17			9 50			1,483 37
" Chamber of Commerce building (Interior Dept.)		2 50	2,377 50			84 61			2,464 61
" C.P.R. station mail room		321 27		10 85		12 75			344 87
" custom house, etc	1,624 28	995 96		7,614 85	2,766 98	743 59	227 05	111 46	14,084 17
" examining warehouse	1,540 77	28 00		8,498 12	8,523 23	353 93	527 23	146 37	19,617 65
" grain warehouse		852 20			60 25				912 45
" immigration buildings		1,458 94	37 52		4,932 95	810 38	823 17	122 26	8,185 22
" Lindsay building (D.P.W. Architect's office)		6 60							6 60
" Notre Dame Investment building (D.P.W. Engineers)		354 75	2,383 98	2 50		14 64	2 80		2,758 67
" post office, etc	7,637 65	1,756 58	169 50	13,369 91	9,468 39	2,946 32	742 15	593 86	36,684 36
" postal station "A"	1,117 31	489 47		6 80		217 62		32 32	1,863 52
" " "B"		216 15		2,053 85	1,274 37	205 12	181 46	12 07	3,943 02
" " "C"		3 96	1,610 00	373 70	101 58	99 56			2,188 80
" " "D"		47 96	1,600 00	391 18	267 01	71 98	22 42		2,400 55
" Union station mail room		72 13	2,416 00	1 45					2,489 58
" Scott block (Food Control, etc.)		1 00	1,468 87						1,469 87
" Tribune building (Labour Department		195 63	1,790 00			24 23			2,009 86
" Trust & Loan building (Income Tax (office)			1,250 00			46 60			1,296 60
" generally		131 65		6,769 69		1,092 66			7,994 00
Minor offices throughout the province		241 52							241 52
Manitoba generally		475 85							475 85
Totals, Manitoba	29,480 71	12,129 71	22,361 33	49,759 88	41,612 05	11,132 09	3,075 07	1,078 34	170,629 18

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*									
Saskatchewan.									
Battleford, post office, etc		412 94		777 50	883 20	518 27	82 58		2,674 49
Big river, forestry office			60 00						60 00
Estevan, post office		173 23		593 05	337 52	212 12	60 60		1,376 52
Gravelbourg, post office, etc		81 70		213 85	309 00	46 35	6 00		656 90
Humboldt, post office, etc		262 40		768 55	959 60	246 91	45 63		2,283 09
Indian Head, experimental farm	1,162 05				1,303 75	343 92	172 44		2,982 16
" Fisheries Inspector's office		1 25	165 00		54 25				220 50
" Forestry branch, Interior Department, buildings	17,113 49								17,113 49
" forest nursery station					2,246 50				2,246 50
" forestry office			516 00	34 50		30 54	121 01		702 05
Kerrobert, immigration building (site)			1 00						1 00
Lloydminster, post office, etc		99 81		780 95	120 40	319 09			1,320 25
Maple Creek, post office, etc		98 95		249 92	477 43	141 75			968 05
Melfort, post office, etc		124 33		764 00	994 50	312 17	60 00		2,255 00
Moosejaw, immigration building		18 20							18 20
" income tax office			445 15	64 00					509 15
" post office, etc	2,765 23	4,635 36	300 00	4,430 03	4,554 31	1,566 55	215 75	483 03	18,950 26
Moosomin, lands office			240 00						240 00
North Battleford, immigration building		21 70			163 72	23 03	20 45		228 90
" post office, etc		193 00		1,162 41	1,762 19	384 57	307 91		3,810 08
North Portal, immigration building			1 00		162 49				163 49
Prince Albert, immigration building		8 05				19 65			27 70
" post office, etc		1,424 41		2,132 60	1,915 15	797 13	119 76		6,389 05
Regina, Assistant Receiver General's office	4,971 39	410 67		1,424 73	823 55	385 32	14 67	94 02	8,124 35
" Canada Life building (Canada Food Board)		1 00							1 00
" examining warehouse		81 10		680 15	417 61	109 07	17 30	38 66	1,343 89
" income tax office		2 20	1,500 00						1,502 20
" inland revenue office		91 25	510 00			8 79			610 04
" McCallum-Hill building (Agriculture, etc.)		2 30	1,200 00	1 50		38 02			1,241 82
" post office, etc	4,945 74	5,264 90	45 00	4,637 25	2,260 49	2,420 12	338 58	322 36	20,234 44
" " parcel post			1 00						1 00
" postal station "A" (C.P.R. station)		661 31	3,240 00	7 45					3,908 76
" paving between post office and old Royal Bank building	1,700 00								1,700 00

" generally				13 25					13 25
Rosthern, experimental farm	900 42				1,049 75				1,950 17
Saskatoon, Canada building (Inland Revenue, etc.)		213 93	2,128 00			32 31			2,374 24
" custom house		155 17	4,200 00			262 17			4,617 34
" examining warehouse		108 00	1,400 00			12 80			1520 80
" immigration building		19 20							19 20
" lands office		93 70	2,400 00						2,493 70
" mail room (C.P.R. station)			540 00						540 00
" post office, etc	1,100 00	2,319 08		2,761 49	2,723 14	1,344 83	74 52	24 40	10,347 46
" weights and measures office			780 00						780 00
" generally						17 34			17 34
Scott, experimental farm	3,184 71				352 00	84 49			3,621 20
Swift Current, lands office		283 75	1,760 00						2,043 75
" post office		0 50	1,906 56			277 34			2,184 40
Sutherland, forest nursery station		64 80			1,021 77				1,086 57
" " " water system	3,275 75								3,275 75
" " " lighting system	3,115 35								3,115 35
Unity, immigration building			1 00						1 00
Wadena, immigration building		23 12							23 12
West Poplar, immigration building		22 95							22 95
Weyburn, post office, etc		367 46		769 45	846 44	438 04	116 01		2,537 40
Yorkton, post office, etc		420 22		711 35	840 13	719 11	46 40		2,737 21
" income tax office			420 00	88 80					508 80
Minor offices throughout the province		156 02							156 02
Saskatchewan generally		1,702 77		0 30		233 50			1,936 57
Totals, Saskatchewan	44,234 13	20,020 73	23,759 71	23,067 08	26,578 89	11,345 30	1,819 61	962 47	151,787 92
Alberta.									
Athabaska, immigration building			15 00		239 37				254 37
" post office			71 00						71 00
Banff, forestry office		69 12							69 12
Bassano, post office, etc		60 40		512 40	654 12	253 70	34 50		1,515 12
Calgary, Assistant Receiver General's office	6,020 51	401 69	5 25	839 15	178 55	154 73	27 57		7,627 45
" Blow building (irrigation)	1,242 40	172 23	11,421 63	872 53		361 45			14,070 24
" Canada Life building (P.O. and I.R.D)		37 30	4,877 63			39 61			4,954 54
" Dominion Bank building, forestry office	1,209 98	15 00	2,400 00			1 39			3,626 37
" drill hall	2,500 00								2,500 00
" examining warehouse	2,562 61	1,624 49		6,416 31	2,812 71	808 50	278 11	1,235 95	15,738 68
" Herald building (Railway Commission)		274 57	1,260 00			11 78			1,546 35
" immigration building (site)			10 00						10 00
" Judge Travis building (Immigration)			100 00			12 20			112 20
" Lancaster building (P.O. Dept)	4,946 01	3,481 11	19,177 42	3,623 68	331 05	2,493 27	27 29	111 03	34,190 86
" Leeson-Lineham building (Interior Department)		81 55	480 00						561 55
" post office (new)	24,426 78								24,426 78
" " (site), temporary			6,935 70						6,935 70
" seeds office		470 50	1,375 00			90 89		16 33	1,952 72

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Alberta—Continued.									
Calgary, Thomas building (Interior Dept.)		233 70	1,745 40			13 97			1,993 07
" generally		75 27		28 45					103 72
Coutts, immigration building	2,738 35		9 20						2,747 55
Edmonton, examining warehouse		89 03	4,250 00		17 04				4,356 07
" fisheries inspection (Agency building)		22 10	150 00						172 10
" immigration building		332 05	33 00		705 00	92 07	45 65		1,207 77
" lands office		621 35	4,320 00	333 05		370 47			5,644 87
" McLeod building (National Service)		48 80	140 00			7 00			195 80
" Mortlake building (P.O. Dept.)		1,021 05	1,950 00						2,971 05
" post office, etc	2,158 41	1,124 10	202 20	8,671 63	2,231 45	1,847 36	152 26	341 32	16,728 73
" Tegler building (Geological survey)		365 70	1,066 00			6 22			1,437 92
" South (Strathcona), immigration building		55 00							55 00
" South (Stathcona), post office, etc		1,055 37		1,101 15	787 83	234 69	68 22		3,247 26
" generally				15 90		132 00			147 90
Edson, immigration building					242 87				242 87
Entwistle, immigration building		26 52							26 52
Falher, immigration office			200 00						200 00
Grande Prairie, immigration building			88 93		209 55				298 48
" lands office	6,925 25		540 00	8 50	274 95				7,748 70
" " temporary		134 82							134 82
Grouard, immigration building			240 00						240 00
High Prairies, lands office			720 00						720 00
High River, immigration building	131 00								131 00
Lacombe, experimental farm	637 88				1,463 53	203 12			2,304 53
Lethbridge, experimental farm	9,488 19				597 00	63 36			10,148 55
" immigration building		58 25							58 25
" post office, etc		2,440 67		5,565 98	2,400 97	935 35	227 60	414 10	11,984 67
Macleod, custom house		10 00			147 18	48 55	35 82		241 55
Medicine Hat, post office, etc		360 96		1,732 00	419 37	530 28	155 88		3,198 49
Peace River Crossing, immigration building		55 00	73 49		300 89				429 38
" lands office		201 31	720 00		209 45				1,130 76
" post office			235 00						235 00
Pincher Creek, forestry office		82 30	360 00						442 30
Red Deer, public building		29 20		788 78	468 48	22 15	39 00		1,347 61
Rocky Mountain, forestry office		24 97	300 00		15 92				340 89
Spirit River, immigration building			5 00		333 90				338 90

Vermilion, immigration building			1 80						1 80
" post office					476 25				476 25
Wainwright, immigration building			1 00						1 00
Waterton Lakes Park		94 58							94 58
Wetaskiwin, post office		61 30		712 90	694 63	414 80	41 75		1,925 38
Minor offices throughout the province		247 24			65 00				312 24
Generally		1,195 31							1,195 31
Totals, Alberta	64,987 37	16,753 91	65,479 65	31,222 41	16,277 06	9,148 91	1,133 65	2,118 73	207,121 69
British Columbia.									
Agassiz, experimental farm	9,731 14				1,017 98				10,749 12
Alberni, post office (old)			80 00						80 00
Ashcroft, post office		14 95		1,093 96	451 82	423 55	123 50		2,107 78
Atlin, post office, etc		144 75		161 00		131 80			437 55
Bella Coola, naval station			60 00						60 00
Chase, engineer's office (D.P.W.)		270 69	30 00	5 25	102 17	26 75	12 00		446 86
Chilliwack, post office, etc				621 43	397 70	71 77	36 00		1,126 90
Comox, post office, etc		2 50		395 59	182 75	35 25			616 09
Cranbrook, post office, etc		150 36		1,021 82	126 95	416 56	97 25		1,812 94
Cumberland, post office, etc		12 85		662 52	425 37	257 83	65 00		1,423 57
Douglas, post office						15 84			15 84
Duncan, post office, etc		136 25		942 62	392 50	258 02	29 25		1,758 64
Fernie, post office, etc		87 02		963 01	393 90	162 90	58 55		1,665 38
Grand Forks, post office, etc		25 25		877 40	808 15	201 65	75 00		1,987 45
Greenwood, post office, etc		138 63		655 45	147 76	238 68	72 00		1,252 52
Invermere, experimental farm	571 88								571 88
Kamloops, Acadia Block (Interior Dept.)		24 65	3,274 20						3,298 85
" new public building	15,153 34								15,153 34
" post office (temporary)		507 99	1,200 00	1,007 45	513 80	372 55	36 00		3,637 79
" barn for cone drying (Interior Dept.)			172 00						172 00
Ladysmith, post office		182 42		611 45	12 00	24 75	24 00		854 62
Mission City, post office		4 00							4 00
Nanaimo, post office, etc		918 07		1,766 21	444 20	664 92	45 00		3,838 40
Nelson, engineer's office (D.P.W.)			480 00						480 00
" income tax office			216 00						216 00
" post office, etc		185 50	112 50	991 04	750 25	447 11	90 00		2,576 40
Newgate, immigration office		36 58							36 58
New Westminster, Indian and fisheries building		470 40		862 20	249 30	34 82	31 14		1,647 86
" post office, etc	1,000 00	2,290 31	176 75	2,775 39	843 20	426 63	71 42	408 00	7,991 70
North Vancouver, post office		161 00		984 10	324 00	156 90	10 80		1,636 80
Pacific Highway, immigration office		10 00			244 00	94 41			348 41
Port Alberni, post office, etc		4 50		673 65	379 46	107 69	37 68		1,202 98
Powell River, public building		169 65							169 65
Prince Rupert, examining warehouse			1,400 00						1,400 00
" fisheries office		166 38	600 00						766 38
" immigration building		246 70	5 00		134 88	4 38	5 00		395 96
" quarantine station	1,048 10	7 60			421 25				1,476 95
" post office, etc. (Federal block)		718 51	7,085 00	108 15		854 30	33 33		8,799 29

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Concluded.									
Revelstoke, Canadian Bank of Commerce building (Interior Dept.)			1,200 00						1,200 00
Revelstoke, post office		1 50							1 50
Rossland, post office, etc		103 80		889 07	11 50	270 73	99 57		1,374 67
Salmon Arm, fire ranger's office		1 50	96 00						97 50
Sicamous, public building		2 25							2 25
Sidney, experimental farm	6,847 26				472 50	195 07			7,514 83
Summerland, experimental farm	13,010 41								13,010 41
Union Bay, post office		3 80		251 90	156 49	119 82			532 01
Vancouver, Assay office (old post office)		957 16		2,219 68	515 26	263 95	72 40		4,028 45
" Cave Brown Cave building (P. O. Dept.)		30 00	179 03						209 03
" dredging office (D.P.W.)		478 07	1,836 50			1 50			2,316 07
" Empire building (Mar. and Fish. Dept.)		81 90	540 00			4 17			626 07
" examining warehouse	1,850 49	908 90	5 35	9,012 26	654 45	210 88	235 95	561 85	13,440 13
" Fisheries office (519 Pender street)		34 68							34 68
" immigration detention building	1,538 10			30 25	1,159 60	1,592 51	266 55	246 91	4,833 92
" London Building (dredging and tax office)			920 00						920 00
" Molson's Bank Building (income tax office)			1,000 00	39 00					1,039 00
" Pacific Building (geological survey)		171 35	1,110 00			7 48			1,288 83
" postal station "A" (C.P.R.)		138 90	3,079 28						3,218 18
" postal station "B"		288 10	7,200 00	2,197 06	500 31	61 13	1 95		10,248 55
" postal station "C"		276 38		1,202 21	264 22	50 89	21 45		1,815 15
" post office, (new)	6,977 72		776 00	16,162 55	1,692 99	2,966 72	269 50	375 08	29,220 56
" post office, mail bag depositary			400 00						400 00
" Rogers Block (Fish. insp.)		89 70	2,400 00			64 02			2,553 72
" University of B.C. (forest prod. lab.)		26 05							26 05
Vernon, post office, etc		637 79		1,062 26	708 95	383 31	48 75		2,841 06
Victoria, Ames-Holden Building (examining warehouse)		14 20	3,600 00	967 75	149 14	53 19	16 13	72 00	4,872 41
" Astronomical observatory (Little Saanich Mountain)		5,627 58		2,163 84	240 00	533 58		260 85	8,825 85
" custom house		111 93		944 40	367 95	104 13	28 12		1,556 53
" fumigating plant (C.P.R. wharf)			30 00						30 00
" hydro. survey			735 00						735 00

" immigration building	1,965 09			9 65	1,085 22	186 24	428 50		3,674 70
" meteorological observatory		503 10		965 68	183 54	152 64	22 18		1,827 14
" new post office	1,362 35	2,861 68	245 00	13,354 37	3,730 67	1,418 13	111 21	819 00	23,902 41
" old post office, etc. including city taxes for 1918	1,475 60	165 30		390 65	106 00	81 01	76 63		2,295 19
Victoria, Pilotage Board office		569 12		64 50	21 20	4 76			659 58
Victoria, generally				63 60					63 60
Williams Head Quarantine Station, land and new buildings	4,600 00								4,600 00
" " repairs to existing buildings		8,492 28			13,690 32	30 00	1,347 25		23,559 85
" " water system	88,245 52								88,245 52
Minor offices throughout the province		72 13	131 85		11 50				215 48
British Columbia Dominion buildings generally		1,023 16							1,023 16
Totals, British Columbia	155,377 00	30,759 82	40,375 46	69,170 37	34,485 20	14,184 92	3,999 06	2,743 69	351,095 52

Name of Building.	Construction and Improvements	Repairs.	Staff and Maintenance.	Total.
Yukon Territory.	$ cts.	$ cts.	$ cts.	$ cts.
Heating, lighting, water, etc., for all buildings in Yukon Territory			37,382 04	37,382 04
Total, Yukon Territory			37,382 04	37,382 04
Generally.				
Advertising coal tenders, Dominion buildings			3,462 21	3,462 21
Flags for Dominion public buildings			4,702 50	4,702 50
London (England) immigration office		110 00		110 00
Post office fittings and supplies, stock stored at Toronto for distribution throughout the provinces	14,655 91			14,655 91
Printing, stationery, instruments, travelling, etc.			24,865 38	24,865 38
Salaries of resident clerks of works			56,247 60	56,247 60
Totals, Generally	14,655 91	110 00	89,277 69	104,043 60

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—					
Advocate, wharf			509 09		509 09
Amaguadees Pond, wharf			899 64		899 64
Anderson's Cove, breakwater			186 89		186 89
Antigonish, wharf (shed)		313 98			313 98
Arichat, sand groyne		634 64			634 64
" wharf (shed)			89 98		89 98
Arisaig, wharf			3,346 46		3,346 46
Avonport, wharf			225 55		225 55
Avon River Bridge at Windsor		7,191 07			7,191 07
Baddeck, wharf	195 00		745 45		940 45
Bailey's Brook, protection piers			1,495 93		1,495 93
Barrington Passage, wharf			3,016 36		3,016 36
Barrington's Cove, Sidney Mines, wharf			211 20		211 20
Bass River, old wharf			179 80		179 80
" new wharf		50 76			50 76
Bayfield, wharf			200 00		200 00
Bay St. Lawrence, opening channel		16 00			16 00
Beaver Harbour, wharf			23 60		23 60
Big Harbour, wharf		997 53			997 53
Big Pond, wharf			26 98		26 98
Boisdale, wharf		138 22			138 22
Boularderie Island, wharf		1,349 89			1,349 89
Breen's Pond, breakwater			216 56		216 56
Broad Cove Marsh			113 03		113 03
Burke's Head, breakwater			481 96		481 96
Campbell's Pond, boat harbour		149 75			149 75
Canning, berth for vessels		143 50			143 50
Canso	5,365 34				5,365 34
Cape Negro Island, breakwater			149 90		149 90
Carr's Brook, breakwater			242 20		242 20
Chebogue Hr., beach protection work			2,999 64		2,999 64
Cheticamp, wharf			1,192 76		1,192 76
Cheverie, wharf			1,965 96		1,965 96
Chimney Corner (Inverness Co.) wharf		6,363 71			6,363 71
Church point, wharf			2,100 66		2,100 66
Comeau's Cove, breakwater			31 40		31 40
Comeau's Hill, breakwater		1,099 85			1,099 85
Corkum's Island, (Lunenburg Co)	248 30				248 30
Creignish, wharf			193 26		193 26
Cribbin's Point, wharf			1,891 10		1,891 10
Croft's Cove, wharf			268 33		268 33
Deep Brook, wharf			999 76		999 76
Delaps Cove, wharf			1,941 79		1,941 79
Devil's Island, breakwater			128 40		128 40
Digby, pier renewals			2,910 13		2,910 13
Digby, channel	10,709 07				10,709 07
Dover, wharf			212 31		212 31
Dublin Shore, wharf			268 50		268 50
Duncan's Cove, wharf			509 67		509 67
Dunn's Lake Bridge (Antigonish Co.)			200 00		200 00
East Bay Beach, wharf extension		590 94			590 94
East Chezzetcook, wharf			3,114 03		3,114 03
East River (Pictou Co.), lock and dam				1,495 66	1,495 66
East Sheet Harbour, wharf			301 85		301 85
Ecum Secum, completion of wharf		1,525 53			1,525 53
Englishtown, wharf			37 13		37 13
Feltzen South	2,251 27				2,251 27
" " wharf			826 79		826 79
Five Islands, wharf			324 70		324 70
Fox Island, breakwater approach			1,269 93		1,269 93
French Village, wharf			297 05		297 05
Gabarous breakwater			120 08		120 08
Gabarous Hr., beach protection		982 90			982 90
Georgeville wharf, removing debris		48 88			48 88
Glace Bay, harbour improvements, conditional on transfer from Dominion Coal Co		267 00			267 00

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued.					
Grand Etang, eastern breakwater			500 50		500 50
Grand Mira (South) wharf			470 39		470 39
Great Village, wharf			319 09		319 09
Halifax	3,678 35				3,678 35
" Graving dock		864 50			864 50
" King's wharf		19,503 60			19,503 60
" Lawlor's Island, quarantine station, wharf			27 36		27 36
Hall's Harbour, wharf			516 32		516 32
Harbourville, breakwater			50 10		50 10
Hunt's Point, breakwater			266 23		266 23
Inverness, harbour improvements		18,154 00			18,154 00
Iona, wharf (old)			146 00		146 00
" (new)			1,127 53		1,127 53
Irish Cove, wharf extension		499 27			499 27
Jersey Cove, wharf			790 62		790 62
Joggin's Mines, wharf			599 54		599 54
Kelly's Cove, breakwater			74 26		74 26
Kingsport, pier			266 04		266 04
Kraut Point, wharf			216 53		216 53
L'Ardoise, breakwater			20 00		20 00
Liscomb, wharf (warehouse)		250 16			250 16
Litchfield, breakwater			65 42		65 42
Little Bass River, protection work			992 96		992 96
Little Brook, breakwater			3,197 10		3,197 10
Little Narrows, wharf			199 99		199 99
Liverpool	18,766 52				18,766 52
Livingstone's Cove, wharf		4,605 60			4,605 60
Lower Kingsburg, skidway and breakwater		2,322 10			2,322 10
Mabou Harbour, jetties			499 96		499 96
Maitland ferry, wharf			199 75		199 75
Malagash, wharf extension		2,418 17			2,418 17
Malignant Cove, wharf			1,229 43		1,229 43
Margaree Island, breakwater			109 20		109 20
" Harbour, improvements	558 40		10,596 90		11,155 30
Margaretsville, breakwater			1,499 55		1,499 55
McKay's Pt. (Judique), breakwater			201 50		201 50
McNair's Cove, wharf			3,101 49		3,101 49
Meat Cove, breakwater			61 01		61 01
Meteghan River, breakwater		1,997 32			1,997 32
" wharf		4,265 61			4,265 61
Mill Creek (King's county), wharf			746 68		746 68
Middle South (Lunenburg)	3,749 35				3,749 35
Neil's Harbour, breakwater-wharf			1,298 34		1,298 34
New Campbellton, wharf	6,112 44	500 55			6,612 99
New Glasgow	18,465 01				18,465 01
New Harbour, breakwater			301 13		301 13
Newport Landing, wharf			43 02		43 02
Noel, wharf			209 73		209 73
North Gut, wharf extension		1,169 39			1,169 39
North Sydney	17,936 08		47 00		17,983 08
Osborne (Cow Bay), wharf			199 60		199 60
Ottawa Brook, McKinnon's Harbour	7,643 99				7,643 99
Owl's Head, wharf			417 65		417 65
Parker's Cove, breakwater			350 00		350 00
Pembroke, breakwater			79 00		79 00
Petite Riviere (Lunenburg county), breakwater			993 05		993 05
Pictou Harbour, Abercrombie wharf			75 00		75 00
Pictou Island, west wharf			75 00		75 00
" Landing	519 37				519 37
Plymouth, wharf			25 18		25 18
Port George (Annapolis Co.) breakwater			254 52		254 52
Port Greville, beach protection			922 55		922 55

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued.					
Port Hawkesbury, wharf	572 76		999 92		1,572 68
Port Hood, wharf			303 02		303 02
Port Maitland, breakwater			2,870 68		2,870 68
Portuguese Cove, breakwater			734 67		734 67
Port Wade, wharf			3,559 71		3,559 71
Prospect (Upper), wharf			151 55		151 55
Round Hill, wharf		382 95			382 95
St. Joseph's (Inverness) breakwater			325 91		325 91
Salmon River, wharf			613 26		613 26
Sambro, wharf			996 44		996 44
Sandy Cove, breakwater		5,828 85			5,828 85
Saw pit, wharf		988 37			988 37
Scotch Cove (White Point), breakwater extension		223 13			223 13
Seaforth, breakwater and shore protection		1,176 93			1,176 93
Seaside, wharf			748 91		748 91
Shad Bay, wharf			15 83		15 83
Shag Harbour	499 91				499 91
Shenacadie, wharf		86 91			86 91
Skinner's Cove, piers			1,119 31		1,119 31
Sober Island, wharf extension		49 81			49 81
South Gut (Victoria Co.) wharf			399 93		399 93
South Ingonish, beach protection		1,095 04			1,095 04
South Lake (Lakevale) piers			767 65		767 65
South Side, breakwater extension		2,099 22			2,099 22
Spry Bay (Josie's) wharf extension		4,417 36			4,417 36
Spry Bay (Leslie's) wharf			258 49		258 49
Summerville, wharf			368 76		368 76
Sydney Harbour	563 03		1,000 35		1,563 38
Tatamagouche, wharf approach			92 68		92 68
Three Fathom Harbour, breakwater			585 24		585 24
Tiverton, breakwater and warehouse		532 10	926 33		1,458 43
Trenton (East River)	4,212 40				4,212 40
Trout Cove, removal of stone and gravel		2,163 25			2,163 25
Turner's Island (Halifax Co.), wharf			310 72		310 72
Upper Port Latour			829 60		829 60
Vogler's Cove, wharf			96 00		96 00
Washabuck (Upper), wharf			99 40		99 40
West Arichat			1,794 00		1,794 00
West Baccaro, breakwater			641 90		641 90
West Bay, "The Points," wharf			1,435 75		1,435 75
West Chezzetcook, breakwater-wharf			1,743 76		1,743 76
West Head, breakwater		3,089 12			3,089 12
Westport, breakwater-wharf			351 97		351 97
West Ship Harbour, wharf			885 25		885 25
White Point, completion of breakwater		2,108 89			2,108 89
Whycocomagh, wharf			782 66		782 66
Wolfville, wharf			101 31		101 31
Yarmouth Bar, improvements		4,493 29			4,493 29
Yarmouth Harbour, improvements	101,829 63				101,829 63
Generally	3,123 31			1,737 20	4,860 51
Totals, Nova Scotia	206,999 53	107,149 64	95,758 99	3,232 86	413,141 02
Prince Edward Island—					
Alberton, wharf	4,895 21				4,895 21
Annandale, pier			247 13		247 13
Bay Fortune	3,785 09		1,595 66		5,380 75
Belfast, wharf	4,040 50		224 18		4,264 68
Belle River Harbour, breakwater		434 96			434 96
Cardigan North (Newport), pier			1,111 03		1,111 03
" South, wharf			418 20		418 20
Chapel Point, pier			40 00		40 00

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Prince Edward Island—Continued.					
Charlottetown	3,312 72				3,312 72
China Point, pier			701 63		701 63
Greek River, wharf			399 56		399 56
Hickey's wharf			260 22		260 22
Higgins Shore, pier			366 22		366 22
Hurd's Point, wharf	6,826 20		188 30		7,014 50
Jude's Point, wharf			318 35		318 35
Kier's Shore, pier			97 00		97 00
McPherson's Cove, pier			1,189 33		1,189 33
Miminigash Harbour North, breakwater			280 75		280 75
" " South "		2,212 06			2,212 06
Mount Stewart, wharf			69 45		69 45
Murray Harbour	13,351 24				13,351 24
Naufrage Harbour	10,475 10				10,475 10
New London Harbour, improvements		2,336 26			2,336 26
North Lake, boat harbour		168 19			168 19
Panmure Island, roadway approach			75 00		75 00
Pinette, wharf		2,017 43			2,017 43
Red Point, wharf			75 50		75 50
Rustico (North), breakwater			1,640 81		1,640 81
St. Peter's Bay, wharf			91 50		91 50
Souris Harbour, breakwater		16,909 74			16,909 74
Summerside, breakwater	7,629 29		427 45		8,056 74
Vernon River (North), pier			173 77		173 77
Wood Islands, breakwaters			632 72		632 72
Generally	1,561 65			2,123 41	3,685 06
Totals, Prince Edward Island	55,877 00	24,078 64	10,623 76	2,123 41	92,702 81
New Brunswick—					
Back Bay, wharf		4,326 30			4,326 30
Barker's (Sunbury county), wharf			223 46		223 46
Bathurst Harbour, improvements	39,821 94		1,846 42		41,668 36
Beaver Harbour, wharf			1,013,86		1,013 86
Black River	2,266 50				2,266 50
Buctouche, wharf			2,192 91		2,192 91
Burnt Church, wharf			11 70		11 70
Burton Court House, wharf			446 82		446 82
Campbellton, wharfs	6,284 63		5,586 21		11,870 84
Cape Bald, breakwater pier			3,196 64		3,196 64
Caraquet, wharf			13 00		13 00
Chockfish, breakwater			1,079 75		1,079 75
Cocagne, wharf			116 80		116 80
Dalhousie, breakwater-wharf			789 49		789 49
Dipper Harbour, breakwater-wharf		1,798 92			1,798 92
Dunham's wharf			999 48		999 48
Durham (Restigouche county), wharf			103 00		103 00
Fairhaven, wharf (slip)			900 00		900 00
Grand Anse, breastwork and groyne	10 88		1,506 01		1,516 89
Great Salmon River, wharf		2,462 34			2,462 34
Hopewell Cape, breakwater			590 34		590 34
Indian Island, wharf		56 28			56 28
Lameque, wharf			50 87		50 87
Leonardville, wharf (slip)			1,558 91		1,558 91
Little Lameque (Shippegan Island), wharf			76 93		76 93
Loggieville, wharf	5,994 59		77 71		6,072 30
Lord's Cove, wharf			11 98		11 98
McAllister's, wharf			255 44		255 44
McGowan's, wharf			134 21		134 21
Martin's Head, breastworks		124 00			124 00
Miramichi River (North West)	121 00				121 00
Miscou, wharf			32 82		32 82
Mizzenette, wharf		2,879 91			2,879 91
Moncton, wharf			15 50		15 50

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
New Brunswick—Continued.					
Neguac, wharf			4,334 53		4,334 53
Oak Point, wharf			3,113 37		3,113 37
Oromocto, wharf			1,203 74		1,203 74
Petit Rocher, breakwater			276 67		276 67
Point Sapin	994 07				994 07
Portage River, breakwater		634 00			634 00
Quaco (St. Martin's), breakwater reconstruction		116 82			116 82
Richibucto Beach, breakwater		1,153 07			1,153 07
Richibucto Cape, completion of pier and breakwater		1,980 00			1,980 00
Richardson wharf			30 00		30 00
River St. Charles	767 25				767 25
Rothesay, wharf			597 19		597 19
St. Andrews, wharf			314 68		314 68
St. John Harbour, improvements	42,795 64				42,795 64
Courtney Bay		955,395 19			955,395 19
Fort Dufferin, breastworks		12,904 31			12,904 31
Negro Point, breakwater			732 00		732 00
Partridge Island, quarantine station, deep water wharf				654 00	654 00
St. John West, piers, sheds, etc	6,077 56	35,593 72			41,671 28
St. Mary's, wharf			170 90		170 90
Scotchtown, wharf			113 50		113 50
Shippegan Gully, breakwater, etc			8,472 65		8,472 65
Shippegan Harbour, wharf			35 98		35 98
Stonehaven, breakwater		1,199 08			1,199 08
The Range (Grand Lake) wharf			121 22		121 22
Tracadie Beach, breastworks		985 45			985 45
Tracadie, wharf			239 50		239 50
Trynor's Cove, wharf			459 00		459 00
Tynemouth Creek, breakwater		5,976 75			5,976 75
Upper Maugerville			20 50		20 50
Washademoak	9,874 15				9,874 15
Welchpool, wharf		959 67			959 67
Welsh's Cove (Charlotte county)	94 00				94 00
Westfield, wharf			83 50		83 50
Wilson's Beach, breakwater-wharf			59 38		59 38
Young's Cove (Queens county), breakwater			88 02		88 02
Generally	3,123 31			3,068 32	6,191 63
Totals, New Brunswick	118,225 52	1,028,545 81	43,296 59	3,722 32	1,193,790 24
Quebec—					
Amherst (Point Shea) Magdalen Islands, wharf			2,062 88		2,062 88
Anse à Beaufils, improvements of channel		2,494 17			2,494 17
Anse à l'Eau (Tadoussac), wharf			872 98		872 98
Anse à l'Islot, wharf			149 98		149 98
Anse aux Gascons, wharf		293 00			293 00
Anse aux Griffonds, jetty			996 65		996 65
Anse St. Jean, wharf			1,296 73		1,296 73
Aylmer, wharf			224 82		224 82
Baie St. Paul wharf			2,556 70		2,556 70
Baie des Ha-Ha	51,095 19				51,095 19
Barachois de Malbaie, training pier			778 63		778 63
Batiscan, wharf		2,800 86	120 24		2,921 10
Beloeil, protection piers		3,814 10	400 33		4,214 43
Bic, wharf			995 48		995 48
Bersimis, wharf			505 20		505 20
Berthierville, wharf		338 89	311 85		650 74
Berthier (en bas), wharf			18,472 19		18,472 19
Bryant's Landing, wharf			99 90		99 90
Buckingham (Labelle), wharf			104 28		104 28

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.					
Cabano, wharf			1,539 92		1,539 92
Cannes de Roches, wharf			55 00	30 00	85 00
Cap a l'Aigle, wharf			652 70		652 70
Cap Chat, breakwater			202 70		202 70
Cape Cove, wharf			11 75		11 75
Cap de la Madeleine, wharf			975 51		975 51
Cap St. Ignace, wharf			4,057 95		4,057 95
Caughnawaga, wharf	5,827 93				5,827 93
Champlain, wharf			2,955 61		2,955 61
Chicoutimi, wharf			722 14	482 38	1,204 52
Contrecoeur, wharf		451 03	450 27	77 08	978 38
Desjardins, wharf			48 88		48 88
Douglastown, breakwater		676 41			676 41
East Templeton, wharf			901 79		901 79
Fabre, wharf extension, etc		1,376 11	1,110 41		2,486 52
Fassett, wharf			1,021 36	20 50	1,041 86
Father Point, wharf			588 52		588 52
Fort Coulonge, wharf			241 03		241 03
Fort William (Ottawa river) wharf		3,318 16			3,318 16
Garthby, wharf			1,191 38		1,191 38
Gaspe Basin, wharf		1,209 73			1,209 73
Gatineau Point, wharf			15 00		15 00
Georgeville, wharf			21 40		21 40
Grande Valee, breakwater			79 50		79 50
Grande Riviere (Gaspe) pier			1,213 33		1,213 33
Grondines, wharf		720 83	12 00		732 83
Grosse Isle (Quarantine Station), extension of wharf, etc	3,375 65	484 97	6,493 58		10,354 20
Grosse Roche, wharf			506 76		506 76
Harricanaw River	7,464 00				7,464 00
High Falls (Labelle county), wharf		205 91			205 91
Honfleur, wharf			415 23		415 23
Hudson, wharf reconstruction		1,390 00			1,390 00
Hull, wharf			35 00		35 00
Iberville, wharf			725 97		725 97
Ile aux Coudres, wharf			64 74		64 74
Ile aux Grues, wharf			2,107 15		2,107 15
Ile Perrot (North) wharf		472 53			472 53
Ile Verte, Notre Dame des Sept Douleurs, wharf		304 82			304 82
Ile Verte, Village, wharf			1,093 32		1,093 32
Kamouraska, wharf			17 40		17 40
Lac Bourget, (Laroche), wharf			14 00		14 00
Lacolle, removing piles		182 30			182 30
Lanoraie, wharf	300 00			12 00	312 00
Laprairie, protection works		63,453 03	8,492 99		71,946 02
" rebuilding of ice breaker		1,791 10			1,791 10
Lauzon "Champlain" dry dock	1,161 62	180,764 95		1,859 99	183,786 56
" "Lorne" dry dock				30,695 34	30,695 34
Lavaltrie, wharf			17 00		17 00
Les Bergeronnes, wharf			276 15		276 15
Les Eboulements, wharf			3,871 07		3,871 07
Les Ecureuils, wharf			967 06		967 06
Les Escoumains, wharf			150 50		150 50
Levis deep water wharf			2,182 82	1,995 00	4,177 82
Lotbiniere, wharf			896 98		896 98
Magog, wharf reconstruction		22,231 59	31 67		22,263 26
Malbaie (Gaspe) wharf			2,390 04		2,390 04
Matane, wharf			967 62		967 62
Mission Point	6,801 17				6,801 17
Montmagny, wharf			2,475 61		2,475 61
Montebello, wharf			124 87		124 87
Mont Louis, wharf			122 40		122 40
Montreal dry dock				105,000 00	105,000,00
Murray Bay, wharf			2,032 82		2,032 82
New Carlisle, wharf	3,510 65				3,510 65

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.					
New Richmond, wharf			277 44		277 44
Nicolet	4,237 48				4,237 48
Norway Bay (Ottawa River) wharf			1,499 81		1,499 81
North Timiskaming, wharf		461 00			461 00
Notre Dame de la Salette, wharf			118 63		118 63
Notre Dame du Portage, wharf			1,406 51		1,406 51
Notre Dame des Quinze, wharf			16 41		16 41
Papineauville, wharf			394 14		394 14
Peribonka, wharf			215 00		215 00
Petit Saguenay, protection works			224 41		224 41
Pierreville, wharf			802 22	34 00	836 22
Piopolis, wharf			998 24		998 24
Pointe à Elie (Magdalen islands) breakwater			3,403 62		3,403 62
Pointe a Pizeau (Sillery), wharf			271 22		271 22
Pointe aux Esquimaux, wharf		995 33			995 33
Pointe aux Trembles (Portneuf), wharf			254 71		254 71
Pointe Claire, wharf				150 00	150 00
Pointe Fortune, wharf		2,617 24			2,617 24
Pointe Madeleine, wharf			900 00		900 00
Pointe Piche (Timiskaming) wharf			304 31		304 31
Poltimore (Riv. du Lievre) wharf		91 72			91 72
Quebec Harbour (River St. Charles), improvements to navigation		39,616 37			39,616 37
Quyon, wharf			100 62		100 62
Repentigny, wharf			782 56		782 56
Richmond, reconstruction of ice-breakers		10,888 57			10,888 57
Rigaud, wharf			1,227 00		1,227 00
Rimouski, harbour improvements	42,584 91	68,856 72	1,221 50	488 15	113,151 28
Riviere aux Renards, wharf			799 87		799 87
Riviere aux Vases (Chicoutimi) wharf			152 04		152 04
Riviere Batiscan	10,135 06				10,135 06
Riviere Caplan, wharf			149 50		149 50
Riviere des Vases (Temiscouata) wharf			150 00		150 00
Riviere du Lievre, lock			137 94	2,120 05	2,257 99
Riviere du Loup (en bas), wharf			2,399 58		2,399 58
Riviere du Loup (en haut)	7,688 73				7,688 73
Riviere Grande Cascapedia	536 00				536 00
Riviere Ouelle, wharf			1,186 61		1,186 61
Riviere St. Louis	115 67				115 67
Riviere St. Maurice, eastern channel	13,561 91				13,561 91
Riviere Verte, wharf			199 96		199 96
Roberval, wharf			24 85		24 85
St. Alexis (Grande Baie), wharf and shed		1,439 02			1,439 02
St. Alphonsé (Chicoutimi county), wharf			2,038 65		2,038 65
St. Andre de Kamouraska, wharf			1,090 40		1,090 40
St. Andrews, wharf			454 01		454 01
St. Anicet, wharf			447 22		447 22
Ste. Anne de Beaupre, wharf			1,978 43		1,978 43
Ste. Anne de Bellevue, wharf	34 95				34 95
Ste. Anne de Chicoutimi, wharf			1,933 34		1,933 34
St. Charles de Caplan, wharf			450 00		450 00
St. Denis de Richelieu, wharf			97 28		97 28
St. Eloi, wharf			199 91		199 91
St. Emelie (Leclercville), wharf			369 05		369 05
St. Etienne de Malbaie, wharf		112 67			112 67
St. Famille (Ile d'Orleans), wharf		336 85	29 00		365 85
St. Fidele, wharf			34 50		34 50
St. Francois du Lac, wharf		708 31			708 31
St. Francois, Ile d'Orleans (north side), wharf			766 50		766 50
St. Francois, Ile d'Orleans (south side), wharf			1,204 67		1,204 67

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.					
St. Fulgence, pier			854 56		854 56
St. George de Malabie, breakwater			849 14		849 14
Ste. Genevieve de Batiscan, wharf			10 00		10 00
St. Hilaire, wharf			749 86		749 86
St. Ignace de Loyola (north), wharf			4,406 36		4,406 36
St. Irenee les Bains, wharf			2,053 83		2,053 83
St. Jean des Chaillons, wharf			437 42		437 42
St. Jean (Ile d'Orleans), wharf			1,267 72		1,267 72
St. Jean Port Joli, wharf			1,991 40		1,991 40
St. Jerome, wharf			254 74		254 74
St. Johns, guide piers				21 00	21 00
St. Joseph de Letellier, wharf			844 57		844 57
St Laurent (Ile d'Orleans), wharf			459 79	69 90	529 69
St. Michel de Bellechasse, wharf			2,314 51		2,314 51
St. Nicholas, wharf			332 16		332 16
St. Omer, wharf			776 33		776 33
St. Ours (River Richelieu), wharf			64 05		64 05
St. Paul (Ile aux Noix), wharf			2,509 09		2,509 09
St. Pierre les Becquets, wharf			626 17		626 17
St. Roch des Aulnaies, wharf			234 00		234 00
St. Roch de Richelieu, wharf			15 00		15 00
St. Simeon, wharf		1,182 01			1,182 01
St. Sulpice, wharf			1,199 43		1,199 43
St. Zotique, wharf		3,141 91			3,141 91
Shigawake, wharf			146 39		146 39
Sorel, ice piers			3,340 02		3,340 02
" wharf		1,459 53			1,459 53
Stratford Centre, wharf			1,198 59		1,198 59
Tadoussac Harbour, wharf			413 80		413 80
Three Rivers, wharf	38,912 50			100 00	39,012 50
Trois Pistoles, breakwater and wharf			3,261 08		3,261 08
Thurso, wharf			380 05		380 05
Vaudreuil, wharf			197 38		197 38
Vercheres, wharf		11,588 94	18 75		11,607 69
Verdun, wharf			1,625 45		1,625 45
Ville Marie, wharf		935 90			935 90
Yamaska, lock and dam			369 30	902 00	1,271 30
Generally	10,549 16			43,031 72	53,580 88
Totals, Quebec	207,892 58	433,206 58	148,402 34	187,089 11	976,590 61
Ontario—					
Armitage Landing, wharf			25 00		25 00
Arnprior, wharf			130 45		130 45
Bare Point, breakwater		104,938 97			104,938 97
Barry's Bay, wharf			290 48		290 48
Bayfield, piers			4,171 25		4,171 25
Belle River harbour works			554 84		554 84
Belleville, wharf and shed		2,416 35			2,416 35
Brockville wharf, improvements			651 13		651 13
Bronte, pier		3,754 18			3,754 18
Burlington Channel, bridge				4,789 37	4,789 37
" " pier			13,205 89		13,205 89
" " revetment wall		1,982 00			1,982 00
Chute a Blondeau, wharf			106 40		106 40
Cobourg, piers	4,695 01		17,798 21		22,493 22
Collingwood, breakwater reconstruction		286 00			286 00
" graving dock No. 1				15,000 00	15,000 00
" " No. 2				9,208 96	9,208 96
Connaught station, wharf		1,567 06			1,567 06
Cornwall, new wharf		88 90			88 90
Cumberland, wharf			48 09		48 09
Depot Harbour, wharf			3,350 65		3,350 65
Dyer's Bay, wharf			339 79		339 79
Erieau, pier			38 20		38 20

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Continued.					
Fenelon Falls, removal of cribs		75 00			75 00
Fighting Island, Detroit river	1,360 28				1,360 28
Fitzroy harbour, wharf			434 09		434 09
Fort William, harbour improvements	28,042 46	179,279 53			207,321 99
French river, dams			3,188 44		3,188 44
Gananoque, wharf			223 53		223 53
Goderich, docks			2,376 74		2,376 74
Grand Bend, piers, etc			1,245 28		1,245 28
Haileybury, dockyard				16 00	16 00
" wharf			1,396 75		1,396 75
Hawkesbury, wharf			102 10		102 10
Hawkestone, wharf			251 30		251 30
Hilton, wharf			1,490 76		1,490 76
Holland River, wharf			91 84		91 84
Huntsville, wharf			852 34		852 34
Kagawong, wharf		94 07			94 07
Kenora, wharf extension		53 21			53 21
Kincardine	10,112 40		2,178 18		12,290 58
Kingston, harbour improvements		7,000 66			7,000 66
" maintenance and operation off combined roadway, whar and bridges				11,354 29	11,354 29
" removal of temporary bridge		964 40			964 40
" R.M.C. docks			1,539 52		1,539 52
Kingsville, pier	21 00		861 60		882 60
Lakeport, wharf			761 99		761 99
La Passe, wharf			497 21		497 21
Leamington, pier			664 71		664 71
Little Current, rebuilding wharf	54 45	2,294 88			2,349 33
L'Orignal, wharf			62 34		62 34
Lorraine, (Paradis Bay), wharf			163 63		163 63
Midland, wharf			4,632 36		4,632 36
Minaki, wharf			73 70		73 70
Montreal river (Latchford), dam				2,226 95	2,226 95
New Liskeard, wharf			146 21		146 21
North Bay, wharf			154 99		154 99
Oakville, pier			1,191 54		1,191 54
Orillia, wharf			247 06		247 06
Oshawa, wharf			56 10		56 10
Owen Sound, wharf		527 65	8 25		535 90
Parry Sound, renewals of breastworks at Two and Seven Mile Narrows			323 60		323 60
Pembroke, wharf			1,476 56		1,476 56
Pelee Island, piers			472 73		472 73
Penetanguishene, wharf			654 09		654 09
Petawawa, wharf			1,761 34		1,761 34
Point Edward	1,229 27				1,229 27
Port Arthur, dry dock				37,741 50	37,741 50
" harbour improvements	47,177 19	12,147 95			59,325 14
Port Burwell, piers	15,805 61		3,976 27		19,781 88
Port Colborne, breakwaters			25,865 66		25,865 66
Port Dover, harbour improvements		8,496 95			8,496 95
" piers			4,516 08		4,516 08
Port Elgin, breakwater and wharf			4,482 55		4,482 55
Port Findlay, wharf			968 26		968 26
Port Hope, piers			13,218 15		13,218 15
Portland, wharf			67 00		67 00
Portsmouth, piers			2,122 22		2,122 22
Port Rowan, piers			1,000 00		1,000 00
Port Stanley, harbour improvements		1,910 36			1,910 36
Puce, harbour works			949 56		949 56
Quarry Bay, wharf (lake Couchiching)			39 75		39 75
Richard's Landing, wharf			259 06		259 06
Rideout, wharf		57 95			57 95
River Thames (Jeannette's Creek)	3,488 84		827 13		4,315 97
Rondeau Harbour, piers, etc			396 08		396 08

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Concluded.					
Rosseau, wharf	.....	.....	383 25	.....	383 25
St. Williams, wharf	.....	.....	54 00	.....	54 00
Sand Point, wharf	.....	.....	27 00	.....	27 00
Sault Ste. Marie Harbour, improvements	14,525 95	.....	2,320 55	.....	16,846 50
Shanty Bay, wharf	.....	.....	25 00	.....	25 00
Shrewsbury, pier	.....	.....	425 20	.....	425 20
Silver Centre, wharf	.....	.....	153 10	.....	153 10
Southampton, harbour works	.....	.....	6,001 99	.....	6,001 99
Sturgeon Falls, wharf	.....	.....	70 00	.....	70 00
Thessalon, breakwater extension	.....	57 65	.....	.....	57 65
" wharf	.....	.....	10,142 71	.....	10,142 71
Thornbury, wharf	.....	.....	838 44	.....	838 44
Tobermory, glance booms	.....	.....	190 66	.....	190 66
Toronto, harbour improvements	28,074 44	.....	.....	.....	28,074 44
Canadian-Stewart contract	.....	543 15	.....	.....	543 15
Roger Miller contract	.....	662,315 57	.....	.....	662,315 57
East pier	.....	30,849 28	.....	.....	30,849 28
West pier	.....	.....	297 70	.....	297 70
Fisherman's island (new building.)	.....	978 61	.....	.....	978 61
Queen's wharf	.....	.....	478 33	.....	478 33
Toronto Island, breakwater protection	.....	157 07	.....	.....	157 07
Wendover, wharf	.....	.....	623 39	.....	623 39
Wheatley, wharf	.....	.....	1,658 38	.....	1,658 38
Whitby, breakwater	.....	.....	2,049 19	.....	2,049 19
Windsor, dock	.....	.....	.....	1,770 00	1,770 00
Generally	10,549 16	.....	.....	15,836 48	26,385 64
Totals, Ontario	165,136 06	1,022,837 40	154,717 92	97,943 55	1,440,634 93
Manitoba—					
Assiniboine River (High Bluff), dyke	.....	.....	177 20	.....	177 20
Baie St. Paul, dyke	.....	.....	100 10	.....	100 10
Big Island (Hecla), wharf	.....	48 57	.....	.....	48 57
Dauphin River, wharf	.....	123 21	.....	.....	123 21
Delta, closing channel	.....	710 69	.....	.....	710 69
Gimli	4,536 93	.....	.....	.....	4,536 93
Goose River at Rat Creek, removal of boulders	.....	3,842 48	.....	.....	3,842 48
Icelandic River, wharf	.....	.....	10 00	.....	10 00
Lake Killarney, opening channel, etc	.....	23 50	.....	.....	23 50
Le Pas, wharf	.....	208 44	.....	.....	208 44
Little Pembina River, diversion into Pelican Lake	.....	20,655 70	.....	.....	20,655 70
Red River, channel protection	.....	.....	4,990 71	.....	4,990 71
" channel at Netley Cut	.....	853 90	.....	.....	853 90
" new channel	11,950 94	.....	.....	.....	11,950 94
St. Andrews Rapids, lock and dam	.....	.....	.....	16,846 67	16,846 67
Selkirk	9,291 00	.....	.....	4,847 06	14,138 06
Winnipegosis	3,237 71	.....	.....	.....	3,237 71
Generally	.....	.....	.....	4,449 76	4,449 76
Totals, Manitoba	29,016 58	26,466 49	5,278 01	26,143 49	86,904 57
Saskatchewan and Alberta—					
Cumberland House (Prince Albert county)	6,281 48	.....	.....	.....	6,281 48
Generally	.....	.....	.....	735 96	735 96
Totals, Saskatchewan and Alberta	6,281 48	.....	.....	735 96	7,017 44
British Columbia—					
Albion, wharf	.....	.....	24 80	.....	24 80
Alice Arm, landing float	.....	2,107 40	.....	.....	2,107 40
Arrow Park, wharf	.....	.....	874 79	.....	874 79
Anderson's Lake, cribwork	.....	.....	793 46	.....	793 46

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Bamfield, wharf, etc.			1,027 28		1,027 28
Barnston Island, wharf			589 63		589 63
Belmont, wharf			995 87		995 87
Bindlay's Landing, float			52 98		52 98
Bishop's Landing, float			210 17		210 17
Bold Point, float			166 84		166 84
Boswell, floating wharf		63 04			63 04
Brighton Beach float			67 91		67 91
Burgoyne Bay, float			431 00		431 00
Camp Island, float			197 27		197 27
Campbell River, wharf			81 27		81 27
Carroll's Landing, wharf		56 48			56 48
Celesta, wharf			39 65		39 65
Chase wharf			98 20		98 20
Chilliwack, wharf and landing			2,284 65		2,284 65
Church House, wharf			464 26		464 26
Clayoquot wharf			18 91		18 91
Coal Harbour, reconstruction of float		1,755 93			1,755 93
Columbia River, Cottonwood, dam		2,815 49			2,815 49
Comox, wharf			18,548 86		18,548 86
Cottonwood Point	12,682 96				12,682 96
Courtenay River bank protection			1,211 20		1,211 20
Cowichan Bay, wharf		44 46			44 46
Crofton, wharf			883 25		883 25
Cultus Creek, floating wharf		59 95			59 95
Deep Cove float			686 92		686 92
Denman's Island, float			5 00		5 00
Digby Island, wharf			150 80		150 80
Eagle Cliff, float			154 48		154 48
Egmont, float		1,375 74			1,375 74
Esquimalt, new drydock		4,994 60			4,994 60
" dockyard wharf		54,330 46			54,330 46
" old drydock				21,982 60	21,982 60
Ewing's wharf			371 16		371 16
Fanny Bay float			426 83		426 83
Farmer's Landing, float			550 00		550 00
Fauquier, wharf		59 23			59 23
Fraser Landing, wharf			39 00		39 00
Fraser River improvements—					
Canadian Fish Product	2,760 37				2,760 37
Cannery channel	19,009 25				19,009 25
Chilliwack, removal of snags above	3,633 77				3,633 77
Fraser Mills	6,949 85				6,949 85
Nicomen, dams		4,137 41			4,137 41
North Arm	155,821 64				155,821 64
Sandheads	67,636 50				67,636 50
Snagboat Samson				23,501 14	23,501 14
Steveston jetty		19,352 00			19,352 00
Wallace Shipyard	1,096 33				1,096 33
Woodward Cut	74,340 93				74,340 93
Fulford Harbour, float		772 20			772 20
" wharf			1,333 22		1,333 22
Glen Valley, wharf			27 00		27 00
Gower Point, float			259 36		259 36
Grace Harbour, wharf			73 32		73 32
Graham, wharf		81 91			81 91
Granite Bay, float			194 10		194 10
Grey's Creek, wharf			22 00		22 00
Half Moon Bay, wharf		5,912 45			5,912 45
Hammond, wharf			221 25		221 25
Hardy Bay, landing float		2,649 25			2,649 25
Harrop, wharf			493 51		493 51
Heriot Bay, float			229 82		229 82
Hollyburn, wharf			701 20		701 20
Hope Bay, (Pender Island,) wharf			812 05		812 05
Jackson Bay, float			301 67		301 67

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Jedediah Island float			42 25		42 25
Kamloops, wharf (shed)			96 90		96 90
Kicking Horse River, removal of obstructions		700 00			700 00
Killiney, wharf			370 24		370 24
Kuper Island, wharf			888 55		888 55
Lasqueti Island, wharf			199 20		199 20
Long Bay, float			195 67		195 67
Lund wharf			309 01		309 01
Matsqui, wharf			37 00		37 00
Mayne Island, wharf			54 60		54 60
Massett (new), rebuilding wharf		13,639 64			13,639 64
" (old), wharf			3,788 30		3,788 30
Naas River	5,283 56	9,547 52			14,831 08
Nahun, wharf			433 04		433 04
Nanaimo, ferry slip	1,445 05				1,445 05
Naramata, wharf		6,176 04			6,176 04
Needles, wharf			163 48		163 48
Okanagan Centre, wharf		5,916 16			5,916 16
" River, improvements	1,383 84	5,341 09	2,875 94		9,600 87
Peachland, wharf			426 76		426 76
Pender Harbour, float		2,357 17			2,357 17
Penticton, wharf			149 35		149 35
Port Alberni, new float, etc		364 42			364 42
Port Clements, wharf			4,195 77		4,195 77
Port Essington, landing float		3,596 67			3,596 67
Port Haney, wharf			43 20		43 20
Port Moody, float		633 02			633 02
Powell River, wharf addition		298 09			298 09
Prince Rupert, floating dock				76,970 88	76,970 88
" Quarantine Station wharf			1,631 28		1,631 28
Princess Creek, floating wharf		56 74			56 74
Queen Charlotte City, wharf			4,676 98		4,676 98
Refuge Bay, wharf			2,933 54		2,933 54
Renata, wharf			62 50		62 50
Riverside, wharf			15 00		15 00
Robert's Bay, wharf, float and approach			3,361 69		3,361 69
Roy, float		132 21			132 21
Royston, wharf			800 39		800 39
Saanichton, wharf			1,217 12		1,217 12
Salmon Arm, wharf			224 60		224 60
Savary Island, wharf			224 29		224 29
Seaford, float			95 44		95 44
Seaside Park, float			40 00		40 00
Seymour Arm, wharf			35 59		35 59
Shoal Bay, wharf			1,195 75		1,195 75
Sicamous, wharf			32 37		32 37
Sidney Island, wharf			254 54		254 54
Sidney, wharf			7,191 08		7,191 08
Skeena River	10,014 05				10,014 05
Skidegate, wharf			6,600 00		6,600 00
Smith's Landing, float			6 83		6 83
South Gabriola Island, wharf		71 88			71 88
South Pender Island, wharf			35 02		35 02
Spiller River, wharf			1,751 83		1,751 83
Squamish, wharf			650 00		650 00
Squirrel Cove, float			83 32		83 32
Stag Bay, float			3 50		3 50
Stewart, wharf		329 21			329 21
Stickine River, removal of obstructions		9,599 72			9,599 72
Sturdy Bay (Galiano island), slip			25 50		25 50
Surge Narrows, float			135 88		135 88
Thompson River, north arm			24 30		24 30
Tofino, wharf			1,588 53		1,588 53
Tucker Bay, float			611 63		611 63
Ucluelet, wharf			5 50		5 50

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Union Bay, wharf	.....	.....	180 00	.....	180 00
Van Anda, wharf	.....	.....	180 32	.....	180 32
Vancouver, harbour improvements	.....	20,157 19	.....	.....	20,157 19
Vesuvius Bay, wharf	.....	.....	217 89	.....	217 89
Victoria, harbour improvements	.....	44,172 91	163 94	.....	44,336 85
Westbank, wharf	.....	.....	689 89	.....	689 89
Whaletown, float	.....	.....	234 71	.....	234 71
Whiteman's, wharf	.....	.....	2,003 85	.....	2,003 85
White Rock, wharf	.....	.....	146 32	.....	146 32
Whonnock, wharf	.....	.....	28 40	.....	28 40
William's Head, quarantine station, wharf	669 08	.....	20,856 64	.....	21,525 72
William's Head, quarantine station, coal wharf	.....	.....	72 09	.....	72 09
Wilson's Landing, wharf	.....	.....	150 39	.....	150 39
Wolfsohn Bay, float	.....	.....	1,455 85	.....	1,455 85
Wyatt Bay, float	.....	.....	234 60	.....	234 60
Generally	10,280 54	.....	.....	18,329 73	28,610 27
Totals, British Columbia	373,007 72	223,657 68	112,513 09	140,784 35	849,962 84
Generally—					
General expenses of staff	.....	.....	.....	9,578 72	9,578 72
Salaries of district engineers, assistants, etc.	.....	.....	.....	400,021 59	400,021 59
Test borings for sundry projected works	.....	12,672 62	.....	.....	12,672 62
Totals, harbours and rivers, generally	.....	12,672 62	.....	409,600 31	422,272 93
DREDGING PLANT.					
Maritime Provinces	.....	.....	1,244 32	.....	1,244 32
Ontario and Quebec	.....	.....	16,360 45	.....	16,360 45
Manitoba, Saskatchewan and Alberta	.....	.....	5,133 09	.....	5,133 09
British Columbia	.....	.....	20,311 60	.....	20,311 60
Totals, dredging plant	.....	.....	43,049 46	.....	43,049 46

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
SLIDES AND BOOMS.	$ cts.	$ cts.	$ cts.	$ cts.
River Saguenay		761 21	200 00	961 21
Ottawa District:—				
Black river		249 50		249 50
Coulonge river		2,650 50		2,650 50
Dumoine river		25 00		25 00
Gatineau river		22 80		22 80
Madawaska river		734 14		734 14
Ottawa river		50 10	24,618 03	24,668 13
Petawawa river		993 02		993 02
Trent and Newcastle District		25 00		25 00
Collection of slide and boom dues			3,009 31	3,009 31
Totals, slides and booms		5,511 27	27,827 34	33,338 61
ROADS AND BRIDGES.				
Maritime Provinces—				
St. Leonard–Van Buren, international bridge		70 73		70 73
Quebec and Ontario—				
Des Joachims, bridge		1,502 40		1,502 40
Matapedia, interprovincial bridge		3,088 60		3,088 60
North Timiskaming, bridge	69,645 00			69,645 00
Ottawa city, bridges and streets maintained by Government—				
Connaught place and Wellington street			2,795 76	2,795 76
New Chaudiere bridge	98,950 55			98,950 55
" " approaches		3,607 97		3,607 97
Lighting all above			2,113 77	2,113 77
Pitts Brook, bridge		89 67		89 67
Portage du Fort, bridge		4,846 67		4,846 67
Portage du Fort and Bryson bridges, sand blasting		5,078 84		5,078 84
River St. Louis, bridge abutments	1,906 63			1,906 63
York bridge (Grand river)		634 67		634 67
Manitoba—Saskatchewan and Alberta—				
Banff bridge		2,347 04		2,347 04
" new bridge	1,965 69			1,965 69
Canmore bridge		689 75		689 75
Delta bridge		14 40		14 40
Edmonton bridge		100 20		100 20
Morwick's bridge		695 70		695 70
Shellmouth bridge		2,743 73		2,743 73
Totals, roads and bridges	172,467 87	25,510 37	4,909 53	202,887 77
TELEGRAPH LINES.				
Maritime Provinces—				
Bay of Fundy lines			3,096 91	3,096 91
Cape Breton lines		443 63	31,055 22	31,498 85
Chatham-Escuminac line	1,813 55		4,410 58	6,224 13
Prince Edward Island and mainland cable			6,946 66	6,946 66
Prince Edward Island, contribution of half cost of reconstruction of telegraph lines jointly owned by the Anglo-American Company and the Dominion Government	15,000 00			15,000 00
Quebec Mainland—				
Dorchester County lines			556 50	556 50
North shore, east of Bersimis	2,337 47		27,759 89	30,097 36
" west of Bersimis			16,904 41	16,904 41
Quebec County lines			10,193 83	10,193 83
Timiskaming lines			7,570 99	7,570 99

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Concluded*

Name of Work.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
TELEGRAPH LINES—*Concluded.*	$ cts.	$ cts.	$ cts.	$ cts.
Quebec Islands—				
Anticosti system			6,946 36	6,946 36
Cable ship "Tyrian"		11,946 43	67,023 89	78,970 32
Grosse Isle, Isle aux Coudres and Island of Orleans system			8,950 43	8,950 43
Magdalen Islands system			6,926 30	6,926 30
Maritime Provinces and Gulf generally			5,942 58	5,942 58
Ontario—				
Bath-Amherst Island system	563 00			563 00
Pelee Island system			1,386 64	1,386 64
Saskatchewan and Alberta lines—				
Saskatchewan lines			61,685 59	61,685 59
Alberta lines	3,216 56		95,941 83	99,158 39
British Columbia and Yukon—				
Ashcroft-Dawson system	8,605 25		236,990 00	245,595 25
British Columbia mainland system	40,955 85		80,053 86	121,009 71
British Columbia-Vancouver Island system	6,993 88		107,838 26	114,832 14
Telegraph service generally			5,673 84	5,673 84
Totals, Telegraph lines	79,485 56	12,390 06	793,854 57	885,730 19
MISCELLANEOUS.				
Surveys—				
Maritime provinces			23,730 78	
Quebec			24,482 49	
Ontario			27,521 73	
Manitoba			3,879 05	
Saskatchewan and Alberta			1,662 46	
British Columbia			14,713 17	
Generally			428 82	96,418 50
Upper Ottawa Storage dams—				
Land damages	3,004 34			
Metering flow	30,369 15			
New Liskeard	61 26			
Quinze dam	21,159 12			
Timiskaming dam	15,693 39			
Generally	48,045 09			118,332 35
New Liskeard, Ont., in full and final settlement of all claims for local improvement taxes on property taken over by Government	934 70			934 70
Accounts Branch—				
Salaries and travelling expenses of agents, clerks, etc., of outside service			19,585 85	19,585 85
Compassionate allowance to the widow of the late Neil McLellan, who was drowned in the Madawaska river at Arnprior, Ont., on April 15, 1918, while at work as assistant to the slide master			2,000 00	2,000 00
Compassionate allowance to the dependent sisters of the late J. T. Duke, assistant engineer, who was killed on May 23, 1919, while on duty at Courtenay bay, St. John harbour, N.B			2,000 00	2,000 00
Gratuities to widows or other representatives of 58 deceased employees, under Civil Service Amendment Act (sec. 30)			10,606 58	10,606 58
Monument to his late Majesty King Edward VII	2,500 00			2,500 00
Operation and maintenance of inspection boats			25,537 39	25,537 39
River gaugings and metering			24,191 59	24,191 59
War appropriation—salaries in connection with military service			12,179 01	12,179 01
Cost-of-living bonus			713,899 05	713,899 05
Totals, miscellaneous	121,767 05		906,417 97	1,028,185 02

PART II.

Expenditures by the Department of Public Works of Canada from War Appropriations.

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia.									
Annapolis-Royal, Dental Surgery office			60 00						60 00
Bridgewater, " "			140 00						140 00
Dartmouth Naval station, aviation	19,757 11								19,757 11
Glace Bay, dental clinic			90 00						90 00
Halifax, armouries		9 30							9 30
" Bellevue, military hospital	68,514 69								68,514 69
" " res. supt. S.C.R. Dept		118 80							118 80
" Camp Hill military hospital	301,806 30								301,806 30
" Chief Inspector Dominion Police		30 40							30 40
" Cogswell street old M. and D. hospital	743 30								743 30
" custom house *re* explosion		192 59							192 59
" discharge depot, pier No. 2	783 00								783 00
" District barracks office, M.D. No. 6			3,500 00						3,500 00
" Inspector of taxation, 184 Hollis street		27 69							27 69
" Leith House hospital, S.C.R		28 60	583 33						611 93
" military garage		8 10							8 10
" Pine Hill military hospital	147 27								147 27
" Pine Hill Presbyterian College, S.C.R			2,077 08						2,077 08
" post office *re* explosion		159 50							159 50
" Registrar, M.S.A		32 50	1,090 00						1,122 50
" Rockhead, military hospital	14,996 81								14,996 81
" Soldiers' Settlement Board, Roy building		1,207 11	669 92						1,877 03
" Soldiers' Settlement Board, Barrington street		139 85	1,014 82						1,154 67
" stables, M. and D			140 00						140 00
" vocation branch, S.C.R., Sackville street			1,959 68						1,959 68
New Aberdeen-Artillery Dep. No. 7 Colliery		125 55	284 00			22 00			431 55
New Glasgow M. and D. dental surgery			140 00						140 00
North Sydney, Naval station, Seaplane station	17,906 93								17,906 93
Sydney, McLeod Block, medical branch, Dept. S.C.R			300 00						300 00
" Moore Block, headquarters clinic, S.C.R			175 00						175 00
" Moxam House, military hospital	60 00								60 00
" Naval transportation office			124 00						124 00
" Post Building, military police			25 15						25 15

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued.									
Sydney Mines, Conacher building, S.C.R.			210 00						210 00
Truro, dental clinic, Inglis street, M. and D.			50 00						50 00
Yarmouth, Harding building, C.A.D.C., M.D. No. 6			145 00						145 00
Nova Scotia, generally		502 72							502 72
Prince Edward Island.									
Charlottetown, (old Government House) Military Hosp.	8,421 07								8,421 07
" Registrar, M.S.A.		27 95							27 95
" Riley building, Soldiers' Settlement Board		1,369 56	777 46						2,147 02
" S.C.R. (Des Brisay building)			50 00						50 00
North Wiltshire, Dalton sanatorium	146,157 24		3 00						146,160 24
Summerside, dental office			136 75						136 75
Prince Edward Island generally			14 58						14 58
New Brunswick.									
Edmunston, Royal Hotel, dental clinic, M. and D.			106 45						106 45
Fredericton, barracks		22 40							22 40
" Dunbar House, M. and D.			1,000 00						1,000 00
" military hospital	64,305 49								64,305 49
" Royal Bank chambers, Asst. Director S.C.R.			375 00						375 00
Marysville, M. and D. Depot, Main street			20 00						20 00
Moncton, Provincial Bank building, dental clinic, M. and D.			175 00						175 00
" vocation and medical offices, S.C.R.			175 00						175 00
Riverglade sanatorium	20,141 11								20,141 11
St. John, (County hospital) Mil. Hosp.	16,925 34								16,925 34
" dental clinic, M. and D. (Windsor hotel)			150 00						150 00
" " S.C.R. (Bank of Montreal building)			2,200 00						2,200 00
" Dept. Soldiers' Civil Re-Establishment, 160 Prince William street			350 03	187 82					537 85
" Dept. Soldiers' Civil Re-Establishment, 76 Prince William street			675 00						675 00

" detention building			1,052 66						1,052 66
" discharge depot		15 35							15 35
" M. and D., District pay office			250 00						250 00
" " "Evangeline Home"			375 00						375 00
" " Headquarters No. 7		49 51	250 00						299 51
" " Hospital, 75 Pitt street			200 00						200 00
" military garage			385 00						385 00
" Parks Convalescent Home		11 63							11 63
" Partridge Island, barracks	3,126 45								3,126 45
" " stores, small arms, ammunition, etc			385 00						385 00
" Registrar, M.S.A		20 00							20 00
" Stockton building (S.C.R.)			131 24	2 00					133 24
" sundry offices, Dept. S.C.R		1,633 75							1,633 75
St. John West, school for deaf	1,616 40								1,616 40
St. Stephen, dental clinic, M. and D. (Windsor hotel)			150 00						150 00
New Brunswick, sundry buildings		31 73	150 00	9 70					191 43
Quebec.									
Fraserville, armoury No. 2 (Riv. du Loup)			720 00						720 00
" Cimon block, S.C.R			30 00						30 00
Hull, research laboratory							4 74		4 74
Lachine, Dept. S.C.R., 180 Notre Dame street			175 00						175 00
Lake Edward, sanatorium	2,673 65								2,673 65
Montmorency Falls, Kent House hospital			1,135 00						1,135 00
Montreal, barracks, Guy street		73 50	10,076 20	45 30		3,044 81	824 10		14,063 91
" " old High School			9,570 00						9,570 00
" M. and D., Cable Censor's office			280 00			76 69			356 69
" " Embarkation, A.D.M.S			90 00						90 00
" " "Grey Head" hospital, garage			5,585 00						5,585 00
" " Kings Hall building, Auditor's Branch, etc		20 00	300 00		8 20				328 20
" " Mance street, 1st and 8th Machine Guns Brigade			2,801 34			32 29			2,833 63
" " Read building, Ordnance and barrack stores		0 40	10,000 00						10,000 40
" " temporary garage			1,000 00		175 00	60 00			1,235 00
" " Westmount Rifles, 1215 Greene avenue			1,398 00						1,398 00
" M.D. garage, 309-317 University street			4,879 32		30 19	135 65			5,045 16
" Presbyterian Theological College, military hospital			800 00						800 00
" Registrar, M.S.A		25 00							25 00
" Shaughnessy building, Dominion Police and taxation office		6,353 16	875 00			52 38			7,280 54
" S.C.R., Coronation building		117 90	835 00	23 68	11 14	42 00			1,029 72
" " Drummond building		1,945 40	19,676 94		1 15	104 76			21,728 25

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.									
Montreal, S.C.R., Nurses' Home, 786 Dorchester street W.			2,750 00						2,750 00
" " Nurses' Home, 45 Sherbrooke street W.			1,333 32						1,333 32
" " old Loyola College			17,714 50						17,714 50
" " store room			3,000 00						3,000 00
" " training branch			11,666 62						11,666 62
" " vocational school			1,500 00						1,500 00
" " 186 Windsor street			1,916 63						1,916 63
Quebec, Cove Fields, barracks	6,281 45								6,281 45
" military hospital		221 35							221 35
" M. and D., Cummings building, Headquarters offices			163 34	21 98					185 32
" " Lemieux building, Ordnance stores			4,866 08	643 96		275 00			5,785 04
" " Lemieux building, right of way			250 00						250 00
" " O'Brien's garage				11 98					11 98
" " Supt. Dominion arsenal			800 00						800 00
" Registrar, M.S.A.		148 36	1,724 26						1,872 62
" S.C.R., Medical Director					7 63				7 63
" " Merger building		290 00	2,222 90						2,512 90
" Soldiers' Settlement Board (Lindsay building)		872 22	827 00						1,699 22
Sherbrooke M. and D. dental clinic (York Apt.)		58 18	50 00						108 18
" Soldiers' Settlement Board (Sun Life building)		1,460 83	825 00						2,285 83
Ste. Anne de Bellevue, land for military hospital on MacDonald College property			500 00						500 00
Ste. Anne de Bellevue, military hospital	281,035 90								281,035 90
Quebec Province generally, sundry buildings		112 30	137 75		11 77	58 20			320 02
Ottawa Buildings.									
Air Board, 529 Sussex street		4,458 70	1,094 91						5,553 61
Board of Pension Comm., Federal building			7,002 38		145 73				7,148 11
" " 52-54 Rideau St.		2,621 64	6,150 07		555 36				9,327 07
" " Transportation building		2,451 47	45,600 00		615 62				48,667 09
Canada Life Building, Fuel Controller, etc.					0 35				0 35
Central Appeal Judge, M.S.A.		98 75	3,650 00						3,748 75

Dental Corps, 107 Bank street			552 00					552 00
Historic Records Commission, cor. Sparks and Kent streets			4,450 00					4,450 00
Hope Building, Chief Press Censor		136 18	2,988 44		8 64			3,133 26
Income tax office		17,947 02						17,947 02
Inspector of Artillery Stores, 306-310 Sparks street			1,275 00					1,275 00
Kennedy Building, War Loan office		696 44						696 44
La Banque Nationale, B. Internment Branch			1,150 48					1,150 48
M. & D., Aylmer Annex Apt. 7 and 401			867 58					867 58
" Birks building, D.E.S. Branch		1,125 00						1,125 00
" Canadian building, S. & A. & A. P. Branch		16,053 72						16,053 72
" Daly Building, Records office		13,185 00	810 00			34 68		14,029 68
" Eclipse Building, Contracts Branch			6,000 00	100 73	82 08	53 20		6,236 01
" Elgin Cottage, 61 Albert street			2,859 05		16 29	55 10		2,930 44
" Garage, cor. Duke and Queen streets			4,392 31			29 93		4,422 24
" McKenzie building			945 00			6 68		951 68
" O.A.A.C. building, 5th P.L.D.G. and Artillery Brigade			6,000 00					6,000 00
" Popham building, dental service, etc			5,733 00		138 32			5,871 32
" Woods building, Central Registry office		17,870 56						17,870 56
Ordnance stores	400 00		3,983 04			7 45		4,390 49
S.C.R. Demobilization staff, 130-132 Queen street		842 22	5,857 77		61 50		20 00	6,781 49
" Headquarters	73,183 34	14,468 75		30 26	28 83			87,711 18
" 327 Wellington street		28 50						28 50
" Fitting Depot, 121-123 Rideau street			2,100 00		24 23			2,124 23
" Vocation office, 194 Chapel street		13 73	510 00					523 73
Soldiers Settlement Board, generally		20,852 83			20 31			20,873 14
" " Union Bank building		8,409 77						8,409 77
Sir Sanford Fleming Home			3,770 58					3,770 58
" " offices, etc			200 00					200 00
Trade Commission, 113-119 Rideau street					0 66			0 66
Trust Building, P.O. Censor			859 95		1 32			861 27
War Savings Commission, 224 Sparks street			1,015 00		4 33			1,019 33
" " cor. Sparks and Lyon streets			829 40					829 40
War trophies storage		14 61						14 61
Generally	1,500 00	36,443 72	1,652 80			24 70	260 00	39,881 22
Ontario excluding Ottawa.								
Barrie M. and D. dental clinic, 76 Dunlop street			200 00					200 00
Brantford S.C.R., cor. King and Dalhousie streets			1,050 02					1,050 02
" Royal Bank building, Vocational Branch			267 50					267 50
" Schultz building workshop			75 00					75 00
Burlington, Brant House military hospital	24,728 62							24,728 62
Cobourg military hospital		45 12	530 00					575 12
Fort William Soldiers Settlement Board		80 95						80 95
Freeport (near Kitchener) sanatorium	15,608 25							15,608 25

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario (excluding Ottawa)—Continued.									
Guelph, military hospital	6,435 36								6,435 36
" reformatory farm			255 39						255 39
" " military hospital			25,000 00						25,000 00
" S.C.R., Herald building			800 00						800 00
" " industries			260 00						260 00
Haileybury Griffin building, S.C.R			280 00						280 00
" Haileybury block, C.A.D.C			120 00						120 00
Hamilton M. and D., C.A.D.C., 127 King st. E			1,173 33						1,173 33
" S.C.R., Vocational Branch, 23 Emerald street			100 00						100 00
" " " Clyde block			2,315 00						2,315 00
Kingston, barracks	3,846 67								3,846 67
Kingston, Elmhurst		100 18							100 18
" " Nurses Home		67 76	1,500 06						1,567 82
" Calvin House, Nurses Home, 131 King street			425 00						425 00
" M. and D. dental clinic office			120 00						120 00
" " Headquarters		34 38							34 38
" " " and S.C.R		9 55	300 00						309 55
" " District paymaster, M.D. No. 2		94 09	3,680 00						3,774 09
" " Information Bureau, Hotel Frontenac			−120 00						120 00
" " military station hospital			4,278 77						4,278 77
" " ordnance depot, Cement building			3,142 00						3,142 00
" " " stores, cor. Brock and Clarence streets			700 00						700 00
" " Red Cross drug store—damages			120 00						120 00
" " Registration office, Ontario Hall		132 75							132 75
" " Y.M.C.A. building, "Grey Horse" storage			72 00						72 00
" Mowat sanatorium	64,668 15								64,668 15
" Queens military hospital	5,256 58								5,256 58
" S.C.R. Golden Lion block		793 43	1,705 00						2,498 43
" " old Collegiate, Medical Branch			3,166 62						3,166 62
" " Tractor school, 62 King st. W		50 43	400 00						450 43

" " Vocational Branch Merchants Bank building			204 16						204 16
" Sydenham "Ongwanada" isolation hospital	210,796 54								210,796 54
London military hospital		80 30							80 30
" M. and D. Civil section C.M.P.C		288 45	5,501 18						5,789 63
" S.C.R. Demobilization Branch			521 00						521 00
" " Vocational (auto-school)		377 82	420 00						797 82
" " " Branch, technical school			7,000 00						7,000 00
" Soldiers Settlement Board		234 36							234 36
" Tecumseh barracks		598 26							598 26
" Westminster military hospital	912,528 51								912,528 51
Newmarket, S.C.R. Nurses Home, staff			600 00						600 00
North Bay, C.A.D.C. office, Main street			75 00						75 00
" M. and D. dental clinic			90 00						90 00
Orillia, S.C.R. Vocation office			577 50						577 50
Oshawa, S.C.R. Simcoe street			275 00						275 00
Owen Sound, S.C.R. Hilburn block			210 00						210 00
Peterboro, S.C.R. Vocational Branch Barrie building			570 24						570 24
" Dominion police, 163 Simcoe street		67 55	60 00	12 00					139 55
" Military District No. 3, C.A.D.C		10 00	60 00						70 00
Port Arthur, armoury	23,968 70	1,218 05							25,186 75
" M. and D. Keefer House, 98 Court street			590 68						590 68
" S.C.R. Vocational Branch, Whalen building			910 00						910 00
Portsmouth "Calderwood" hospital for incurables		219 89							219 89
St. Catharines, Oak Hall military hospital	728 27								728 27
" S.C.R., Standard building, Vocational Branch			700 00						700 00
St. Catharines, " 98 St. Paul street		329 85	200 00						529 85
Sault Ste. Marie, M. and D. dental clinic, Queen street			120 00						120 00
" S.C.R., Barnes building, Vocational Branch			364 23						364 23
" 51st Soo Rifles, 849 Queen street W			440 00						440 00
Stratford military barracks, Mooney Biscuit factory			1,250 00						1,250 00
" S.C.R. Vocational Branch			319 17						319 17
Sudbury, M. and D. dental clinic, Stafford block			175 00						175 00
Toronto Casualty clearing station	84,650 64								84,650 64
" Central Military hospital, old Bishop Strachan school	8,111 84								8,111 84
" Military District No. 2 Headquarters, 149 College street		947 12		879 50					1,826 62

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario (excluding Ottawa)—Continued.									
Toronto Military police barracks, old Registry building			400 00						400 00
" M. and D. barracks stores, 63 Wellington street W.			2,566 67						2,566 67
" " military hospital commission, Queens Park			345 65						345 65
" " Paymaster Military District No. 2		165 50	17,000 04						17,165 54
" " Reliance building, Inspector General's Department			325 00						325 00
" " Repatriation Commission (Temple B.)			90 00						90 00
" " Supply Depot, 270 Dundas street W.			2,550 00						2,550 00
" Nurses Residence, 699 Spadina avenue			675 00						675 00
" Orthopædic hospital	251,780 69								251,780 69
" R.C.M.P. quarters		127 77							127 77
" Registrar M.S.A. (Temple B.)		36 00	3,553 84						3,589 84
" Rosedale temporary barracks		875 00							875 00
" St. Andrew's College military hospital	1,467 88								1,467 88
" " " nursing sisters			600 00						600 00
" S.C.R. demobilization office, 287 Queen street W.			1,755 00						1,755 00
" " dental clinic, Orthopædic Branch, 184 Spadina avenue		539 91	1,896 00						2,435 91
" S.C.R. garage, Bathurst street			3,861 00						3,861 00
" " Information and Service Br.			405 00						405 00
" " mechanical transport, Dupont street garage			900 00						900 00
" " medical office, 69-71 King street W.			1,000 00						1,000 00
" " Nurses' Home, 141 Isabella st.			1,375 00						1,375 00
" " Vocational Br. Allen building			15,807 66						15,807 66
" " " 616 College st.			80 00						80 00
" " " " Broadway church (basement)			350 00						350 00
" " " Douglas block			860 00						860 00

" " " 592 King st			6,420 00					6,420 00
" " " Royal Alexandra, lot			144 00					144 00
" " warehouse, 475 Spadina ave			520 00					520 00
" Spadina military convalescent hospital	3,243 29		10,150 00					13,393 29
" " " " Nurses' home			275 00					275 00
" Soldiers' Settlement Board, 32-34 Adelaide street		5,151 20						5,151 20
" The Shedden Forwarding Co., 368 Front street			105 00					105 00
Toronto North, orthopædic hospital (Davisville)	7,146 46		7,611 50					14,757 96
Whitby, S.C.R. military hospital			6,250 00					6,250 00
Windsor, S.C.R. clinic med., etc			420 00	58 80	18 48	4 80		502 08
" " Vocational Branch			128 00					128 00
" " " " 16 London street E			500 00					500 00
Woodbridge sanitarium	391 00							391 00
Ontario generally, sundry buildings		925 95	32 00		5 86	1 28		965 09
Manitoba.								
Brandon S.C.R. 140 10th street		203 04	600 00					803 04
Transcona S.C.R., G.W.V.A. building, Information Service			54 00					54 00
Winnipeg, armoury and drill hall, C.A.S.C			160 00					160 00
" Canada Food Board		25 50						25 50
" "Deer Lodge" military hospital			1,964 52					1,964 52
" M. and D. Armouries 34th Fort Garry Horse			4,200 00					4,200 00
" Crescent Creamery building, barracks stores			1,800 00					1,800 00
" " garage, Good street			960 00					960 00
" " Great West Permanent building, Stationery Branch			3,105 20					3,105 20
" " Imperial garage			1,875 00					1,875 00
" " Lasalle Hotel, ven. hospital			4,500 00					4,500 00
" " Ordnance stores (Ellis block)			1,300 00					1,300 00
" " Sylvester-Wilson building, 106th headquarters			448 35					448 35
" Ordnance stores (Aldous block)			5,844 00					5,844 00
" Registrar M.S.A. (Boyd building)		85 00	842 66					927 66
" S.C.R. assistant director, (Keewaydon building)			4,447 00					4,447 00
" " Board of Trade building, Information service			200 00					200 00
" " Manitoba College, cor. of Ellen and Vaughan			6,000 00					6,000 00
" " Notre Dame, Investment building			8,016 00					8,016 00

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Manitoba—Continued.									
Winnipeg, S.C.R. Union Overall building			3,500 00						3,500 00
" Soldiers' Settlement Board (Enderton building)		6,626 56	4,100 65						10,727 21
" "Tuxedo, cottage for nurses' quarters			75 00						75 00
" " military hospital	488,886 67								488,886 67
Manitoba generally, sundry buildings		294 60		274 25					568 85
Saskatchewan.									
Moosejaw, military hospital, nurses' home			348 00						348 00
" " " Ross school	4,037 12								4,037 12
" M. and D. 60th Rifles of Canada, (Central chambers)			75 00						75 00
" Red Cross hut			90 00						90 00
Prince Albert, C.A.D.C. dental clinic, (Mitchell block)			462 00						462 00
" Soldiers' Settlement Board, (Bank of Ottawa building)		2,549 31	752 50						3,301 81
" Soldiers' Settlement Board, (Empress theatre building)			566 67						566 67
Regina, Earl Grey military hospital		15 00							15 00
" Earl Grey nurses' home, 1632 Victoria avenue			180 00						180 00
" M. and D., barracks stores, M.D. No. 12			1,400 00						1,400 00
" " Demobilization branch, (Sherwood building)		90 05	15,419 08	367 70					15,876 83
" " dental office, C.A.D.C., (Kerr block)			520 00						520 00
" " garage (14th avenue)			1,235 00						1,235 00
" " Grey Nuns' hospital			87 50						87 50
" " Military district No. 12			3,500 00						3,500 00
" " Paymaster, Military district No. 12			1,750 00						1,750 00
" " Ordnance Corps, ammunition hut			420 00						420 00
" " Ordnance stores			2,316 60						2,316 60
" " 2162 Robinson street			30 00						30 00
" " 2255 "			30 00						30 00
" " St. Paul parish hall, temporary hospital			760 00						760 00

" " Soldiers' Settlement Board		4,745 00	7,049 00					11,794 00
" " Soldier Settlement Board, (McCallum building)		356 10	5,856 65					6,212 75
" " old post office building			400 00					400 00
" Registrar, M.S.A		3 00						3 00
" St. Andrews hospital, (Dewdney Hall)			300 00					300 00
" S.C.R., G.W.V.A. building			1,221 00					1,221 00
" " western stores			4,000 00					4,000 00
Saskatoon, M. and D., armoury (old Knox church)			100 00					100 00
" Soldiers' Settlement Board, (Canada Life building)		663 71	199 50					863 21
" Soldiers' Settlement Board, (Connaught block)		3,708 48	2,540 00					6,248 48
" Soldiers' Settlement Board, (Travellers block)			120 00					120 00
Swift Current, dental offices, (Burrow building)			350 00					350 00
Yorkton, M. and D., C.A.D.C., (Collacott block)			150 00					150 00
Saskatchewan, sundry buildings generally		404 77						404 77
Alberta.								
Banff, St. Chad's military hospital	66 45							66 45
" sanatorium		32 10						32 10
Calgary, barracks		90 00						90 00
" Bownes sanatorium		32 50						32 50
" immigration agent accommodation			420 00					420 00
" M. and D., armoury 636, 14th avenue			1,000 00					1,000 00
" " Casualty section, D.D. and barracks stores, hospital supply depot		125 00	800 00					925 00
" " dental clinic, (Herald building), room 515			350 00					350 00
" " garage, 330 5th ave. W			2,400 00					2,400 00
" " " 230 6th ave W		6 25	1,306 10					1,312 35
" " Headquarters C.A.S.C. and S.C.R.		17 50	1,080 00		2 71			1,100 21
" " mechanical transport, M.D. No. 13			180 00					180 00
" " O. C. 4th Field Troop Can. Engrs			36 00					36 00
" " Ordnance Depot			1,200 00					1,200 00
" Ogden convalescent home			19,999 99					19,999 99
" Sarcee military hospital	19,125 22							19,125 22
" North West Commercial Travellers' Association			125 00					125 00
" S.C.R., imb fitting factory			300 00					300 00
" " military hospital supt., (Can. Fairbanks building)			5,400 00					5,400 00

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
Alberta—Continued.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Calgary, S.C.R. Nurses' Home, 1417 7th Ave. M.W.			480 00						480 00
" " Nursing Sisters' Home, 712 12th ave.		24 65	1,325 35						1,350 00
" " Occup'n, Therapy, 515 6th ave. W.			400 00						400 00
" " and S.S. Board, (Lancaster build ng)		121 30	11,687 45						11,808 75
" " workshops, etc., 606-608 2nd street E.			810 00						810 00
" " Sunnyside hospital			3,000 00						3,000 00
" Soldiers' Settlement Board, M.S.A., registrar, etc., (Southam chambers)		6,294 69	5,700 00		168 15				12,162 84
Edmonton, Connaught armouries	1,865 85								1,865 85
" M. and D. dental clinic (Tegler building)			670 00						670 00
" S.C.R. Alberta College, military hospital	6,754 44		10,999 92						17,754 36
" " Nurses' Home, 11135 84th avenue		79 00	550 00						629 00
" " orthopædic shop, (St. Regis building)			725 00						725 00
" " and Soldiers' Settlement Board		2,844 09	10,692 69						13,536 78
" " Vocation Branch, (White blk)			1,620 00						1,620 00
" " Vocation Branch, 10858 Whyte avenue			617 50						617 50
" Soldiers' Settlement Board, (Williamson block), Jasper avenue		1,763 96	1,372 62						3,136 58
" Soldiers' Settlement Board generally		5,616 15							5,616 15
Edmonton South (Strathcona), military hospital	466 03		15,325 75						15,791 78
Frank, military hospital	1,069 35		1,394 00						2,463 35
Lethbridge, S.C.R., (215 Sherlock block)			255 00						255 00
Medicine Hat, M. and D., (fire hall)			3,000 00						3,000 00
Wetaskiwin, S.C.R., Nurses' Home			200 00						200 00
Alberta, sundry buildings generally		186 85							186 85
British Columbia.									
Balfour, S.C.R., (Alson cottage)			132 25						132 25
" " (Balfour ranch)			420 00						420 00
" " (Kootenay Lake hotel)			4,537 50						4,537 50

Esquimalt, military hospital	38,135 50								38,135 50
Fernie, S.C.R., (Napanee building)			100 00						100 00
Kamloops " (rear of Leland hotel)			125 00						125 00
" " (Stevens & Allan block)			40 00						40 00
Nelson, Soldiers' Settlement Board		235 00	342 00						577 00
New Westminster, S C.R., Nurses' Home			480 00						480 00
" " Vocational Branch			50 00						50 00
Penticton, S.C.R., (Shatford block)			120 00						120 00
Revelstoke, dispersal station, (Opera House)			140 00						140 00
" M. and D . Asst. Director o Transport, etc			400 00						400 00
" " (Burns building)			150 00						150 00
" " M.D. No. 11, (Hume block)			150 00						150 00
" S.C.R., M. D. No 11			300 00						300 00
" " (McRae block)			180 00						180 00
Vancouver Birks building, Dominion Labour, clearing house		106 80	150 00						256 80
" Fairmount, military hospital		12 40	1,405 31						1,417 71
" General hospital military annex	1,967 27								1,967 27
" Headquarters armoury Seaforth Highlanders			375 00						375 00
" M. and D., C.A.S.C., 1117 Seaton st			720 00						720 00
" " " stables			34 80						34 80
" " Hastings Park, M D. No 11			1,700 00						1,700 00
" " Headquarters staff, C.M.P.C. etc		52 10	1,725 00						2,250 10
" " offices and clearing stn			390 00						390 00
" Shaughnessy military hospital	6,042 80		2,107 96						8,150 76
" S.C.R., (Board of Trade building)			10,424 00						10,424 00
" " class room and Vocational Branch			1,500 00						1,500 00
" " (Farmer building)			1,431 06						1,431 06
" " garage			1,042 24						1,042 24
" " Information service			2,400 00						2,400 00
" " 155 Cordova street West			202 00						202 00
" " 316 " "		513 40	150 00						663 40
" " VocationalBranch(Thomson block)			900 00						900 00
" Soldiers' Settlement Board (Rogers building)		7,913 50	4,779 24						12,692 74
Vernon, Soldiers' Settlement Board, 235 Bernard avenue East		3,308 69	175 00	106 50	2 50				3,592 69
Victoria, Irving House hospital			900 00						900 00
" Military convalescent hospital			3,600 00						3,600 00
" M. and D., Dist. Paymaster Rec. offices			5,860 00						5,860 00

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Concluded.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.									
Victoria, M. and D., medical stores, 719 Courtney street			460 00			1 94			461 94
" " Qualicum Beach, M.D. garage			475 00						475 00
" " stores, 721 Courtney street			112 50						112 50
" " "Willows" encampment			150 00						150 00
" "Resthaven" military hospital			3,000 00						3,000 00
" S.C.R., "Craigdarrock" hospital			1,386 67						1,386 67
" " garage			175 00						175 00
" " garage, (F. Dougal)			135 48						135 48
" " garage 1017 Rockland avenue			600 00						600 00
" " 913 Douglas street			300 00						300 00
" " 851-853 Fisguard street			400 00						400 00
" " 616 Trounce street			102 00						102 00
" " Mechanical clinic 1406 Douglas street			200 00						200 00
" " and M. and D., (Central building)			3,640 97						3,640 97
" " Information service (Law Chambers)			133 55						133 55
" " store-room for "Craigdarrock" hospital			60 00						60 00
" Soldiers' Settlement Board		2,430 91							2,430 91
" " " (Pemberton block)		730 75	2,590 00						3,320 75
British Columbia, sundry buildings, generally	354 10	2,255 37	90 00	201 69					2,901 16
Sundry military buildings, generally		616 35	330 60					101,842 27	102,789 22
Ta ation offices		30,829 83							30,829 83
Grand total	3,244,611 10	275,265 68	705,051 70	2,977 85	2,146 35	4,123 54	1,108 84	101,842 27	4,337,127 33

EXPENDITURES by the Department of Public Works of Canada from all Appropriations.

Recapitulation.	Dredging	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
Totals Public Buildings—	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia	.....	28,304 71	24,960 59	90,024 38	143,289 68
Prince Edward Island	.....	6,826 36	7,029 82	16,086 47	29,942 65
New Brunswick	.....	38,019 39	14,643 97	85,076 17	137,739 53
Quebec	.....	191,384 94	70,476 48	431,709 31	693,570 73
Ottawa buildings	.....	3,200,540 95	497,125 61	1,582,017 67	5,279,684 23
Ontario (excluding Ottawa)	.....	725,373 86	44,589 72	365,873 73	1,135,837 31
Manitoba	.....	29,480 71	12,129 71	129,018 76	170,629 18
Saskatchewan	.....	44,234 13	20,020 73	87,533 06	151,787 92
Alberta	.....	64,987 37	16,753 91	125,380 41	207,121 69
British Columbia	.....	155,377 00	30,759 82	164,958 70	351,095 52
Yukon	.....	.....	.....	37,382 04	37,382 04
Public Buildings Generally	.....	14,655 91	110 00	89,277 69	104,043 60
Totals, Harbours and Rivers—					
Nova Scotia	206,999 53	107,149 64	95,758 99	3,232 86	413,141 02
Prince Edward Island	55,877 00	24,078 64	10,623 76	2,123 41	92,702 81
New Brunswick	118,225 52	1,028,545 81	43,296 59	3,722 32	1,193,790 24
Quebec	207,892 58	433,206 58	148,402 34	187,089 11	976,590 61
Ontario	165,136 06	1,022,837 40	154,717 92	97,943 55	1,440,634 93
Manitoba	29,016 58	26,466 49	5,278 01	26,143 49	86,904 57
Saskatchewan and Alberta	6,281 48	.....	.....	735 96	7,017 44
British Columb a	373,007 72	223,657 68	112,513 09	140,784 35	849,962 84
Yukon	.....	.....	.....	.....	.....
Harbours and rivers, generally	.....	12,672 62	.....	409,600 31	422,272 93
Totals—					
Dredging plant	.....	.....	43,049 46	.....	43,049 46
Slides and booms	.....	.....	5,511 27	27,827 34	33,338 61
Roads and bridges	.....	172,467 87	25,510 37	4,909 53	202,887 77
Telegraph lines	.....	79,485 56	12,390 06	793,854 57	885,730 19
Miscellaneous	.....	121,767 05	.....	906,417 97	1,028,185 02
War appropriation	.....	3,244,611 10	275,265 68	817,250 55	4,337,127 33
Grand totals of expenditures	1,162,436 47	10,996,131 77	1,670,917 90	6,625,973 71	20,455,459 85

CONTRACTS, DEEDS AND LEASES

Law Branch, P.W.D.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.

Works.			Names of Contractors.	Date of Contract.	Amount.
PUBLIC BUILDINGS.					
Nova Scotia.					
Halifax	Bellevue Military Hospital	Alterations to present building and construction of new ward building	M. E. Keefe Construction Co., Ltd.	May 10, 1919	$ 76,102 00
"	Administration building, laundry and stores, vocational and gymnasium building and alterations to boiler rooms, etc., guard house fencing, grading, drainage and fire mains, nurses' home with alterations, etc., in connection with Military Hospital.		Rhodes, Curry Co., Ltd.	July 12, 1919	289,608 42
"	Alterations, etc., to post-office fittings.		Thomson & Theakston	Aug. 12, 1919	9,790 00
"	Post office	Alterations for new dormitory in	" "	Sept. 26, 1919	5,160 00
Prince Edward Island.					
Charlottetown	Military Hospital	Alterations to northward building, (chicken house, stable and coach house).	E. Parkman & Son	July 29, 1919	4,125 28
" " "		Heating and plumbing required in northward building (chicken house, stable and coach house).	Jas. A. Curry and John F. Murnaghan	July 29, 1919	1,060 00
North Wiltshire	(Dalton sanatorium)	Water tower and tank—construction of.	Canadian Chicago Bridge and Iron Co., Limited.	June 14, 1919	5,510 00
North Wiltshire. " "		Power house and laundry—construction of.	Phillips & Mutch	July 14, 1919	68,250 00
" " " "	Medical officer's residence, pump house and vocational building.	Construction of	Henry J. Phillips	Aug. 1, 1919	47,606 00
" "	(Dalton Sanatorium). Addition to Administration building.	Construction of	Peter G. Clark	Jan. 15, 1920	7,500 00

		New Brunswick.			
Moncton	Post office	Addition and alterations to	P. N. Leblanc	March 24, 1920	1,755 00
Partridge Island (St. John).	Immigration-Detention building	Construction of	W. Arch. Munro	June 27, 1919	27,840 00
" "	Detention building	Alterations, supply and installation of equipment.	Jas. McPartland & Sons	March 17, 1920	2,840 00
Riverglade	Jordan sanatorium	New tile drain and alterations to heating plant, pipe line, etc., etc.	J. H. Doody	Oct. 6, 1919	24,547 00
St. John	County hospital	Alterations to power plant	J. H. McPartland	April 16, 1919	8,885 00
"	Post office	Alterations and additions to fittings.	John Flood & Sons	Aug. 5, 1919	1,950 00
" East	County hospital	Roadways and grading in connection with.	Lewis Stephen	Sept. 24, 1919	5,500 00
"	Immigration Shed No. 4	Electric wiring and fittings	The Vaughan Electric Co., Ltd	Jan. 12, 1920	752 00
St. Stephen	Public building	Electric wiring and fittings	Border Electric Co	Aug. 18, 1919	816 00
		Quebec.			
Grosse Isle	Quarantine station. Operating house in connection with Radio-telegraph station.	Construction of	Delphe Maranda	Sept. 13, 1919	2,340
Montreal	New Federal building	Excavation and foundation work for.	P. Lyall & Sons Cons. Co., Ltd	May 30, 1919	79,000 00
Ste. Anne de Bellevue.	Military hospital	Additional works required in connection with.	E. G. M. Cape & Co., Ltd	May 5, 1919	6,846 00
" "	" Sewer	Extension of	" "	June 27, 1919	7,281 00
" "	"	Grading and roadwork in connection with.	I. Kert & Son	Aug. 11, 1919	21,000 00
Three Rivers	New public building	Elevator enclosure	A. Heon & Co	June 4, 1919	2,195 00
" "	" "	Electric hoist	The Turnbull Elevator M'f'g. Co., Ltd	June 16, 1919	1,985 00
" "	" "	Concrete sidewalks, grading and seeding.	A. Heon & Co	Aug. 11, 1919	13,808 00
		Ontario.			
Burlington	Military hospital	Grading and roadwork	George Fitzgerald	June 30, 1919	4,015 00
Fort William	Post office	Supply and installation of new elevator.	J. Hosegood	Oct. 13, 1919	3,469 00
Hamilton	Postal station "B"	Construction of	Kennedy Connor	Aug. 4, 1919	36,650 00 and unit prices for additional excavation.
Kingston	(Sydenham)	Alterations, etc., to existing stone building for conversion of same into Military hospital "Pavillion "A."	W. H. Harvey	April 9, 1919	70,000 00

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.		Names of Contractors.	Date of Contract.	Amount.
	PUBLIC BUILDINGS—*Continued.*			
	Ontario—Continued.			
Kingston	Educational Block at Royal Mil-itary College.—Construction of	Pigott-Healy Cons. Co	April 12, 1919	326,884 00 and for additional concrete $20.00 per cu. yd.; wood-trim for blackboard $0.25 per lin. ft.; chalk rail for blackboard $0.40 per lin. ft.; slate blackboard $0.60 per lin. ft.; Foreign in place of Canadian marble $2 000.00 bulk sum.
"	Educational Block. Alterations, etc., to existing stone building for conversion of same into power house.—In connection with	W. H. Harvey	April 17, 1919	60,215 00
"	(Sydenham) Military Hospital.—Additional works in connection with.	W. H. Harvey	May 26, 1919	6,777 00
"	Portsmouth (Mowat sanatorium).—Sewage system and disposal works	Days labour	June 2, 1919	7,200 00
"	(Sydenham) Mil. Ortho. Hosp.—Alterations, etc., to existing cottage buildings for conversion of same into vocational building.	W. H. Harvey	June 12, 1919	10,660 00
"	" " " " —Alterations, etc., to existing stone residence for conversion of same into officers' quarters.	McKelvey & Birch, Ltd	June 12, 1919	6,337 00
"	(Sydenham) Power House build-ing. Three boilers of Galt sprinkler stokes.—Installation of	W. H. Harvey	June 23, 1919	5,600 00
"	(Sydenham) Nurses' Home.—Plumbing work	Elliott Brothers	July 18, 1919	1,294 00
"	Mowat sanatorium. Nurses' Home—Construction of	McKelvey & Birch, Ltd	July 29, 1919	29,367 00

"	....(Sydenham) Military Hospital	Cleaning, repairing, alterations etc., to.	W. H. Harvey	Aug.	29, 1919	2,500 00
"	"	Convalescent hospital. Sewage system and disposal works	W. H. Harvey	Aug.	29, 1919	Schedule of prices.
"	"	Military hospital	Grading and roadwork in connection with.	W. H. Harvey	Sept.	18, 1919	9,088 00 and for macadam road $1.25 p. cu. yd. and excavation $1.50 per cu. yd.
"	Mowat sanatorium. (Main building).	Alterations and additions to	H. W. Watts	Feb.	28, 1920	17,975 00
London	Westminster Psychopathic hospital, Isolation hospital, T.B. Pavillion, Recreation building, garage, storage and mortuary building.	Construction of	W. H. Harvey	Sept.	12, 1919	167,844 00
"	Westminster Psychopathic hospital	Grading and roadwork	W. H. Harvey	Feb.	7, 1920	29,800 00 and unit prices.
Oshawa	Examining warehouse	Construction of	Russell-Navin Cons. Co	Sept.	26, 1919	21,900 00 and for excavation $1.50 per cu. yd., and for concrete work including forms $16.50 per cu. yd.
Ottawa	Hunter building. Additional partitions and supply of doors.		Bate, McMahon & Co	April	5, 1919	36,378 00 Approx. cost.
"	Hunter building. Glazed partitions, panelling, etc.	Construction of	Bate, McMahon & Co	May	27, 1919	12,533 84
"	Hunter building. Three skylights and pent house.	Construction of	Bate, McMahon & Co	May	27, 1919	5,028 84
"	Hunter building. Additional works	Construction of	Bate, McMahon & Co	July	1, 1919	22,696 13
"	Hunter building. Fixtures and lamps.	Supply and installation of	A. A. Giddings & Co	Aug.	7, 1919	9,981 45
Ottawa	Heating tunnel on Wellington street to connect departmental buildings with central heating plant		Doran & Devlin	Aug.	8, 1919	$14,640.00 and $3 per cu. yd. for extra excavation and $18 per cu. yd. for extra concrete, etc.
"	Heating tunnel on Wellington street	Heating pipes—installation of	W. G. Edge, Ltd	Sept.	11, 1919	$18,121.24
"	Heating duct (Vittoria street)	Work in connection with construction of.	Grant Bros	Sept.	18, 1919	$1,470.00 and $8.50 per cu. yd. for any rock excavation.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.		Names of Contractors.	Date of Contract.	Amount.
PUBLIC BUILDINGS.				
Ontario,				
Ottawa	Hunter building	Supply of electric current for lighting and power.	Hydro Electric Commission	Nov. 6, 1919	At standard prevailing rates for alternating current for lighting and power and a flat rate of $20 per h.p. for direct current for elevators, with special discount of 5%
"	Experimental Farm—Dairy building.	Construction of	Taylor & Lackey	Jan. 13, 1920	$29,680.00
"	Department of Soldiers' Civil Re-Establishment.	Addition to office building	Grant Bros.	Jan. 27, 1920	$5,692.30
Port Arthur	Armoury	Alterations and repairs to	M. H. Braden & Co.	June 2, 1919	$21,300.00 and for cleaning external face brickwork per cu. yd. $0.65, and for painting present woodwork in basement (two coats) cu. yd, $0.50.
Toronto	Asst. Receiver General's office	Alterations and additions to	The Britnell Contracting Co. Ltd.	April 7, 1919	$12,943.00
"	Demolition of present Customs building on Yonge, Bay and Front streets, and excavation works required for the Federal building to be erected.		P. Lyall & Sons Co. Ltd.	May 12, 1919	$18,600.00, and for plain excavation in earth per cu. yd. $2.50 and for plain excavation in rock, per cu. yd. $4.50, and for caisson in

						earth per cu. yard $1.00, and for caisson in rock per cu. yd. $17.00.
"	Military hospital	Guard house in connection with—Construction of.	Daniel Kay	May	27, 1919	$ 4,120 00
"	Military orthopædic hospital	Laundry building in connection with—Construction of.	The Dickie Cons. Co. Ltd	June	10, 1919	18,000.00
"	Asst. Receiver General's office	Fittings	John C. Gilchrist Lumber Co. Ltd	June	16, 1919	1,850.00
"	Military Orthopædic hospital	Grading, roadwork, drains, fencing, etc.	The Britnell Contracting Co. Ltd	June	30, 1919	20,597.00
"	Assistant Receiver-Gen'l's office	Vault lining doors and lockers	J. & J. Taylor, Ltd	July	2, 1919	25,687 00
"	Terminal Postal Station "A"	Interior fittings, supply and installation of..	The J. T. Schell Co	Nov.	8, 1919	57,911 00
Welland	Post Office	Alterations and additions to	W. J. Hickey	Dec.	15, 1919	1,533 00

The following item was received too late for insertion in last year's "Annual Report" (1918-1919)—

Burlington	Active Treatment ward in connection with military hospital.	Construction of	Pigott-Healy Construction Co	March	29, 1919	76,600 00
		Manitoba.				
Brandon	Post-office	Alterations and additions to	F. C. Lissaman	Dec.	3, 1919	5,781 75
Portage-la-Prairie	Post-office	Alterations and additions to	Snyder Bros	Mar.	22, 1920	27,660 00
Winnipeg (Tuxedo)	Medical Officer's residence, nurses' quarters, orderlies' barracks, recreation building, storage building in connection with military hospital.	Construction of	Carter-Halls-Aldinger Co., Ltd	April	16, 1919	167,729 with addition of concrete posts for wood beams $500 Flaxlimum substituted for paper and boarding, $4,129.00.
" "	Military hospital	Extension to power-house laundry.	Carter-Halls-Aldinger, Co. Ltd	May	13, 1919	145,529 00
" (Immig'n bldg.)	New elevator and alterations in Postal Station "A"		Wallace & Akins, Ltd	Mar.	1, 1920	12,863 00
" (Tuxedo)	Military hospital	Roadways, sidewalks, etc., construction of.	Carter-Halls-Aldinger Co., Ltd	Mar.	8, 1920	40,000 00
		Alberta.				
Calgary	Demolition of present buildings and excavation work in connection with proposed new Public Building.		Carter-Halls-Aldinger Co. Ltd	July	14, 1919	$17,829.00 and $2.35 per cu. yd. for additional excavation required.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.		Names of Contractors.	Date of Contract.	Amount.
	PUBLIC BUILDINGS.			
	Alberta—Continued.			
Edmonton	Strathcona military hospital (Ser-vice building). Alterations, etc., to	Brown & Hargrave	Oct. 2, 1919	5,246 00
Grande Prairie	Post-office and Dom. Lands Agency building. Electric wiring and fittings	Crane-Cassidy Electric Co. Ltd	Feb. 28, 1920	450 00
	Saskatchewan.			
Indian Head	Office building in connection with Forestry Branch. Construction of	Wilson & Wilson, Ltd	Nov. 21, 1919	$24,859.00 and $1.50 per cu. yd. for additional excavation and $16.50 per cu. yd. for additional concrete, including forms.
Moosejaw	Public building. Kalsomining and painting	H. E. Forbes	Oct. 17, 1919	$ 3,317 00
Regina	Post-office. Alterations and additions to fittings.	Poole Construction Co. Ltd	Aug. 19, 1919	4,765 00
"	Post-office building and old Royal Bank building. Paving of back lane, with improvements, iron coal chute, etc.	Crown Paving & Cons. Co. Ltd	Oct. 30, 1919	1,700 00
Sutherland	Forest Nursery Station. Automatic lighting plant, electric wiring and fixtures and a pole line.	The Electric Shop	Oct. 29, 1919	3,100 00
	British Columbia.			
Vancouver	Post-office. Alterations and additions to toilet room.	Barr & Anderson	Dec. 8, 1919	1,465 00

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.			Names of Contractors.	Date of Contract.	Amount.
		HARBOURS AND RIVERS.			
		Nova Scotia.			
Boisdale	Wharf	Construction of	E. Dickson	Nov. 10, 1919	2,350 00
Devil's Island (Halifax).	Breakwater	Repairs and reconstruction of protection of.	M. C. Denton & M. A. Condon	July 25, 1919	Sched. of prices.
Little Brook	Breakwater	Repairs to	Hilarion F. Deveau	Nov. 11, 1919	Sched. of prices.
Meteghan	Public wharf	Repairs and renewals to	M. C. Denton & M. A. Condon	Nov. 10, 1919	4.50 per c. yd.
" Main	Breakwater	Rebuilding of the old Ell of	A. W. Girroir & W. F. Mackinnon	Mar. 26, 1920	Sched. of prices.
Sandy Cove	Breakwater	Reinforcing block on seaward face of, construction of.	John E. Bigelow & Son	June 18, 1919	4,900 00
Scotch Cove (White Point).	Breakwater	Extension to	A. W. Girroir & W. F. Mackinnon	Dec. 22, 1919	Sched. of prices.
Spry Bay (Jose)	Wharf	Extension to	A. W. Girroir & W. F. Mackinnon	July 29, 1919	Sched. of prices.
		Prince Edward Island.			
North Lake	Boat harbour	Construction of	J. Hughes, John Quinn & S. B. MacMillan	Sept. 23, 1919	Sched. of prices.
Souris	Breakwater	Delivery and placing of stone on portion of seaward side of.	H. J. Phillips & R. E. Mutch	Aug. 11, 1919	$10.75 per c. yd.
		New Brunswick.			
Black River	Dredging	Class "B" per cubic yard	A. Ramsay MacLean	June 4, 1919	0 24
Petit Rocher	Breakwater	Repairs to	Thos. P. Charleson	Dec. 2, 1919	Sched. of prices.
Shippigan Gully	"	"	Arcade Landry & Samuel G. Robichaud	Sept. 27, 1919	" "
St. John (Court-nay Bay)	Drydock	Additional rock excavation for entrance channel to.	The St. John Dry Dock & Shipbuilding Co., Ltd.	May 28, 1919	8.00 per c. yd.
"	Dredging in deep water berths	Class "B" per cu. yd	J. A. Gregory	Nov. 4, 1919	0 33
" Harbour	Grain conveyer	Construction of	Grant & Horne	Mar. 2, 1920	Sched. of prices.
		Quebec.			
Berthier (en bas)	Wharf	Repairs to	Nazaire Letourneau	Sept. 20, 1919	Sched. of prices.
Fort William	Pile wharf	Repairs and improvements to	Days' labour	July 8, 1919	
Laprairie	Protection dyke	Improvements to	A. Lacroix & H. Gravel	Sept. 15, 1919	" "
Lauzon	Fence to enclose two Government Dry dock properties (Lorne & Champlain and that of Davie Shipbuilding & Repairing Co., Ltd.).	Construction of	Jos. Gosselin, Ltd	June 23, 1919	" "

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.			Name of Contractors.	Date of contract.	Amount.
		HARBOURS AND RIVERS.			
		Quebec—Continued.			
Lauzon	Dry dock	Additional work in connection with	M. P. & J. P. Davis	Aug. 28, 1919	35,540 00
" (Lorne)	" Lavatory (toilet building)	Construction of	Jos. Gosselin, Ltd	Jan. 30, 1920	3,150 00
Magog	Wharf	Reconstruction of	Thos. P. Charleson	June 24, 1919	Sched. of prices.
Notre Dame des Sept Douleurs.	Wharf	Construction of extension	N. Letourneau & J. A. Fortier	Nov. 6, 1919	" "
Pointe Pizeau (Sillery).	Wharf	Repairing of	Jos. Gosselin, Ltd	Oct. 20, 1919	" "
Portage du Fort and Bryson.	Bridges	Painting of	Canadian Sand Blast Co., Ltd	Aug. 14, 1919	4,950 00
Quebec	(King's wharf) Marine stores building.	Repairs to	L. H. Peters, Ltd	Aug. 25, 1919	9,060 00
Quinze River	(North Timiskaming)	Construction of superstructure for bridge over.	The Hamilton Bridge Works Co., Ltd	June 19, 1919	82,000 00
Richmond	Three (3) ice breakers	Construction of	Thos. P. Charleson	June 24, 1919	Sched. of prices.
Sorel	Wharf	Corner in concrete and other repairs to.	Onesime Poliquin	Dec. 19, 1919	" "
Ste Anne de Beaupre.	Wharf	Repairs and reconstruction	"	Oct. 10, 1919	" "
St. Ignace de Loyola (Nord).	Wharf and approach	Reconstruction of	"	July 24, 1919	" "
St. Jean d'Orleans.	Wharf	Repairs to	N. E. Methot & J. E. Thibault	Nov. 26, 1919	" "
St. Laurent (Island of Orleans).	Wharf	Repairs to	Nap. Trudel & Jos. Trudel	Oct. 31, 1919	" "
St. Louis River (St. Louis de Gonzague).	Bridge abutments	Construction of	Onesime Poliquin	Dec. 9, 1919	1,900 00
St. Maurice River (Three Rivers).	Dredging	Class "B" per cu. yd	Simpson Bros. Co., Ltd	Sept. 3, 1919	0 24
St. Michel de Bellechasse.	Wharf	Construction of repairs to	Jean Baptiste Gallibois	July 28, 1919	Sched. of prices.
Vercheres	Wharf	Reconstruction of superstructure and repairs to approach.	Nap. Trudel, fils, & Jos. Trudel	April 29, 1919	" "
"		Pile reinforcement for head block and cribwork foundation for western concrete wall.	" "	Sept. 23, 1919	910 00
		Ontario.			
Bare Point (Port Arthur).	Extension to the rubble mound breakwater.	Construction of	Chambers, McQuigge & McCaffrey Co., Ltd.	July 26, 1919	Sched. of prices.
Bayfield	Retaining wall in lieu of present superstructure on part of north pier.	Construction of	James C. Bogie	June 19, 1919	" "

Burlington Channel	South pier	Repairs to	Ottawa Contractors, Limited	July	16, 1919	"	"
"	New single bascule bridge over channel.	Preparation of plans, etc.	Strauss Bascule Bridge Co	Mar.	1, 1920	12,500	00
Cobourg	Dredging entrance channel and basin.	Class "B" per cu. yd	Ottawa Contractors, Limited	June	30, 1919	0	27
Collingwood	Breakwater	Reconstruction of (being renewal of superstructure of part of eastern breakwater).	The York Cons. Co., Ltd	Feb.	27, 1920	Sched. of prices.	
Connaught Station	Wharf	Construction of	Days' labour	June	25, 1919	5,300	00
Depot Harbour	Wharf	Renewal of	R. Brewder	Oct.	3, 1919	Sched. of prices.	
Fort William (Mission River).	Breakwater	Construction of (as an extension to revetment wall and wharves at entrance to Mission channel).	The Port Arthur Construction Co., Ltd	July	26, 1919	"	"
Kincardine	Dredging at entrance channel and basin.	Class "B" per cu. yd	The C. S. Boone Dredging & Cons. Co., Ltd.	July	24, 1919	0	60
Kingston (LaSalle Highway).	Placing of heavy and other stone rip-rap along south walls		John T. Sowards	July	15, 1919	Sched. of prices.	
Midland	Government wharves Nos. 1 and 2.	Renewals to	Wm. Henry McArdle	Aug.	6, 1919	"	"
Ottawa and Hull.	New steel highway bridge to replace the present "Union Bridge" over Ottawa river, between Ottawa and Hull.		The Dominion Bridge Co., Ltd	May	16, 1919	$110,000	00
"	(Chaudiere bridge)	Rebuilding the Hull abutment in connection with.	The Dominion Bridge Co., Ltd	Aug.	30, 1919	Actual cost plus 10 p.c.	
Point Edward	Removal of any obstacle which may form in bed of River St. Clair, Ont.		The Chick Contracting Co., Ltd	Mar.	10, 1920	Sched. of prices.	
Port Arthur	Dredging in slip alongside of Thunder Bay Elevator.	Class "A" per cu. yd	W. E. Phin	June	11, 1919	2	00
"		" "B" "				0	13
"	Temporary pile protection break-water.	Repairs to	Bennett-McQueen Co., Ltd	July	3, 1919	Sched. of prices.	
Port Colborne	Breakwater	Repairs to	J. M. Hogan	July	15, 1919	"	"
Port Elgin	Town wharf	"	Max. Clairmont	Sept.	2, 1919	"	"
Port Hope	Pier	"	Roderick Brewder	July	24, 1919	"	"
Thessalon	Wharf	Reconstruction of	Allan Graham Tweedie	Aug.	8, 1919	"	"
Toronto Harbour (Eastern entrance).	East pier	" portion of superstructure.	The C. S. Boone Dredging & Cons. Co., Ltd.	Sept.	9, 1919	"	"
		Manitoba.					
Le Pas	Wharf	Construction of	M. J. Wylie & L. Berry	Nov.	1, 1919	Sched. of prices.	
Little Pembina River.	Construction of stop log dam, pile bridges and canal for diversion of Little Pembina river into Lake Pelican.		Carter-Halls-Aldinger Co., Ltd	June	23, 1919	"	"
		Saskatchewan.					
Indian Head	Forestry Branch office building	Construction of	Wilson & Wilson, Ltd	Nov.	21, 1919	24,859.00 and $1.50 per c. yd. for additional concrete and $16.50 per cu. yd. for additional concrete including forms, etc.	

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Concluded.*

Works.			Name of Contractors.	Date of contract.	Amount.
HARBOURS AND RIVERS.					
British Columbia.					
Bamfield (Comox-Atlin Dist.)	Wharf	Repairs to	McDonald Watson & Wither	Mar. 25, 1920	Advance of 10 p.c. on unit prices.
Comox	Wharf	Repairs to	Fraser River Pile Driving Co., Ltd	Aug. 19, 1919	Sched. of prices.
Fraser River (North Arm).	Dredging (from the entrance to New Westminster, B.C.)	Class "B" per cu. yd	The Pacific Construction Co., Ltd	Sept. 2, 1919	0 15½
Half Moon Bay	Wharf (pile bent and timber decking).	Construction of	Fraser River Pile Driving Co., Ltd	Sept. 2, 1919	5,775 00
Naramata	Wharf	Construction of	Samuel Mills	Nov. 3, 1919	Sched. of prices.
New Massett (Queen Charlotte Island).	Wharf approach and reconstruction of		Wm. Thos. Muse	April 14, 1919	12,333 45
Okanagan Centre	Public wharf	Construction of	Samuel Mills	Sept. 26, 1919	Sched. of prices.
Port Essington	Landing float and approach	"	Mark Hyatt	Nov. 5, 1919	" "
Powell River	Wharf	Construction of addition to	Fraser River Pile Driving Co., Ltd	Feb. 7, 1920	" "
Roberts Bay	Float and approach	Construction of	McDonald Watson & Wither	Sept. 3, 1919	" "
Saanichton	Wharf	Repairs to			
Sidney	"	"			
Ucluelet (Comox-Atlin Dist.)	"	"	W. H. Karn & W. Thornton	Mar. 26, 1920	" "
William Head (Quarantine Stn.)	"	"	Wm. Greenlees	June 18, 1919	" "
"	"	"	Robt. Monerieff	Mar. 25, 1920	" "
Vessels, Dredges and Plant.					
Supply of eighteen pontoon discharge pipes for Dredge P.W.D. No. 5 *Northumberland*			The Sydney Foundry & Machine Works, Ltd.	May 2, 1919	4,998 00
Overhauling (docking, cleaning, painting and repairs) of Dredge P.W.D. No. 305 *King Edward.*			Wallace Shipyards, Ltd	May 2, 1919	5,885 00
Supply of dipper arms for Dredges P.W.D. Nos. 110 and 116			M. Beatty & Sons, Ltd	July 28, 1919	11,535 00
Repairs to Government SS. *Tyrian*			T. Hogan & Company	Oct. 30, 1919	19,890 00
Supply of eleven pontoon discharge pipes for Dredge P.W.D. No. 5 *Northumberland*			The Maritime Bridge Co., Ltd	Jan. 24, 1920	4,485 00
Overhauling and repairing of Dredge *Fruhling* P.W.D. No. 303			Wallace Shipyards, Limited	Feb. 17, 1920	$2,250.00 and unit prices.
Overhauling and repairing of Dredge *Ajax* P.W.D. No. 301			B. C. Marine, Limited	Mar. 6, 1920	$4,938.00 and unit prices.

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
1919.						$ cts.
April 4	Interior Department	Public Works Dept.	Transfer of land known as "Public ground" at Gimli, Man.	Storage	1·14 acre	Free transfer.
" 7	Notice of Abandonment		Abandonment of land on east side of South-east passage, Halifax harbour, N.S. (Dartmouth.)		19·5 acres	
" 7	" "		Abandonment of land on east side of South-east passage, Halifax harbour, N.S. (Dartmouth).		3·50 acres	
" 9	The Watson Co. Ltd	His Majesty	Release of all claims for damages caused to building on south bank of Wabi river by raising level of water of lake Timiskaming and river.			$1,141.50 plus interest 5% from July 1, 1919.
" 12	His Majesty	Alp. Laflamme	License to operate ferry across Ottawa river, between Calumet and L'Orignal, Ont.	5 years from May 1, '17		$25.00 per an.
" 14	" "	The Canada Life Ass. Co.	Surrender of lease *re* room No. 24 in company's building, cor. Cornwall street and 11th ave., Regina, Sask.	From Mar. 15, 1919		1 00
" 15	Philippe Ayotte	His Majesty	Deed of servitude and abandonment of two pieces of land, tp. of Latulippe, Timiskaming, Que.	Lac des Quinze reservoir	67·25 acres	3,000 00
" 25	Mrs. M. H. Muir	His Majesty	Grant of easement through lot "C," Sec. 32, Map 718, Metchosin district, William Head Quarantine station, B.C.			250 00
" 26	Samuel Nesbitt	"	Release and discharge of and from all rent in connection with rental of post-office, Brighton, Ont.			1 00
May 2	Wm. Hickey Kelly	"	Sale of land, North Sydney, N.S.	Airship and seaplane stn.	14,000 sq. ft.	450 00
" 2	Robt. W. Kelly	"	Sale of land, North Sydney, N.S.	Seaplane station	56,260 sq. ft.	2,000 00
" 5	S. S. Alexander	"	Release of all claims for damage caused to property on west part of ½ of lot No. 5, township of Dyment, Ont.	Timiskaming reservoir dam.		75 00
" 5	Mrs. Ellen Conway (wife of J. S. Murphy).	"	Sale of part of lots Nos. 4, 5 and 6, Lauzon, Que.	Levis Dry dock	190,680 sq. ft.	20,467 65
" 6	Notice of Abandonment		Abandonmen t of parcel of land lying in lot No. 17, Toronto (Rosedale), Ont.	Casualty clearing stat'n.	10·3 acres	
" 6	His Majesty	The Regina Trading Co. Ltd.	Sale of "Old post office" site. Regina Sask.			60,000 00
" 7	Loyal Orange Lodge No. C-97.	His Majesty	Certificate of judgment in favour of L.O.L. No. C-97, Ottawa, Ont.	Hunter building		8,546 30

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
1919						$ cts.
May 13	Notice of Expropriation		Expropriation of land forming part of Fort William, Ont., Indian Reserve.	Enlargement of turning basin, Kaministiquia river.		
" 23	John Sutherland *et ux*	His Majesty	Sale of the east ½ of lot No. 11 on south side of Queen street, Ottawa, Ont.	Hunter building		58,738 23
" 29	Bridget Burns (widow)	"	Sale of west ½ of lot No. 11 on south side of Queen street, Ottawa, Ont.	" "		25,658 00
" 31	Florence May Pugsley	"	Grant of parcel of land being part of lot No. 24 in con. II, tp. of Oro, Simcoe, Ont.	Site for wharf		1 00
June 2	Certificate of ownership		Certificate of ownership *re* part of south ½ of lot No. 4, Con. 5, Tp. of Harris, Timiskaming district, Ont.	Timiskaming reservoir dam.	41·9 acres	426 00
" 2	His Majesty	Dominion Coal Co. Ltd.	Release from any and all obligations, etc., in connection with Agreement *re* Glace Bay Harbour works.	Glace Bay harbour		
" 6	Abraham Pratt (widower)	His Majesty	Sale of lots Nos. 12 and 13, south side of Albert street, Ottawa, Ont.	Hunter building		87,807 50
" 9	Alexander Caya, senior	"	Release in full settlement of all claims for damages to lots Nos. 42 and 43, Range 2, tp. of Fabre, Que.	Timiskaming reservoir dam.	5·88 acres	588 00
" 12	Janet Thomson	"	Release for all claims and demands—1st, *re* all that portion of southwest ¼ of sec. 5, 4th tp. and 15th range, Little Pembina river, Man., and 2nd—*re* that portion of northwest ¼ of sec. 32, 3rd tp. and 15th range, Little Pembina river, Man.	LittlePembina diversion into Lake Pelican, Man.	5·24 acres	367 80
				" "	2·135 acres	
			And that portion of southeast ¼ of sec 6, 4th Tp., and 15th range, Little Pembina river, Man.	" "	0·01 acre	
" 27	His Majesty	Corporation of city of Lethbridge.	Sale of "Old Land Office Building" site, also half of lane at rear of same, Lethbridge, Alta.	Home for G.W.V.Association.		5,000 00
" 28	Edouard Moreau	His Majesty	Release in full settlement for all claims for damages *re* lot No. 6, township of Latulippe, Que.	Dam and sluiceways on Quinze lake.	24 acres	250 00
" 28	Romuald and Ubald Gagne.	"	Release in full settlement for all claims for damages *re* lot No. 50, R. IV, township of Guigues, Que.	Timiskaming reservoir dam.	63·60 acres	63 60
July 2	Gillies Bros	"	Conveyance of land in township of Guigues, Timiskaming county, Que.	Quinze Lake dam	124 acres	4,500 00
			Conveyance of land in township of Baby, Timiskaming county, Que.	" "	185 "	

"	11	His Majesty	A. I. Ponsford, Ltd.	Adjustment made of contract *re* power-house building, London, Ont.			1,089 73
"	11	A. B. Coleman	"	Adjustment made of contract *re* Active Treatment wards, etc., military hospital, London, Ont.			105,811 50
"	12	"	Rhodes, Curry Co. Ltd.	Agreement *re* payment in full settlement of all claims for damages sustained by cancellation of contract for administration building and laundry stores building, etc., etc., Halifax (Camp Hill), N.S.			$5,720.50 and $3.57 per 1,000 ft. for material on site of works, etc., etc.
"	15	Quinlan & Robertson Ltd.	His Majesty	Bill of Sale *re* Tug steam screw "Ethel"			1 00
"	15	" " "	"	" " " "Gerald R."			1 00
"	15	" " "	"	" sailing ship "AngusRobertson"			1 00
"	15	" " "	"	" " "Hugh Quinlan"			1 00
"	15	" " "	"	" " "Michael J. Haney"			1 00
"	15	" " "	"	" " "D'Arcy Leamy"			1 00
"	15	" " "	"	" " "Q. & R. No. 1"			1 00
"	15	" " "	"	" " "Edward Q"			1 00
"	15	" " "	"	" " "William Q"			1 00
"	15	" " "	"	" " "Don R"			1 00
"	15	" " "	"	" " "Leo B."			1 00
"	15	" " "	"	" " "Frank Q"			1 00
"	15	" " "	"	" " "Nap L."			1 00
"	15	" " "	"	" " "Norah L."			1 00
"	15	" " "	"	" " "Annie Q."			1 00
"	15	" " "	"	" " "Edgar B."			1 00
"	15	" " "	"	" " "Tot Q."			1 00
"	15	" " "	"	" " "Jerry G."			1 00
"	15	" " "	"	" " "U. Marcotte"			1 00
"	15	" " "	"	" " "Katie Leamy"			1 00
"	15	" " "	"	" " "George R."			1 00
"	15	" " "	"	" " "Katherine K."			1 00
"	15	" " "	"	" " "Eugene L."			1 00
"	15	His Majesty	Napoleon Lalonde.	License to operate ferry across Ottawa river between L'Orignal and Calumet.	For 2 years, 11 months and 3 days from 28th May, 1919.		$25.00 per annum.
"	18	"	Lachance Ltd.	Sale of tug steam screw "Ethel No. 2"			17,500 00
"	18	"	"	" " "Gerald R."			5,500 00
"	23	"	Municipality of Entwistle.	Sale of old immigration hall, Entwistle, Alta			500 00
Aug.	4	Quinlan & Robertson	His Majesty	Bill of sale *re* scow "Quinlan & Robertson, Ltd."			21,250 96
"	4	" "	"	" " "Lois L."			7,204 00
"	14	Bate, McMahon Maritime Co. Ltd.	"	Release of rights and interest in *re* contract for Air Service station, North Sydney, N.S.	Air Service station		75,057 29
"	14	" " "	"	Release of rights and interest in *re* contract for Air Service station, Dartmouth, N.S.	" "		376,972 13
"	28	His Majesty	Quinlan & Robertson.	Sale of steam shovel and dump cars			6,800 00

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
1919.						$ cts.
Sept. 17	La Mission Indienne de Long Point.	His Majesty	Release of all claims for damages caused to church building by flooding of Quinze Lake dam (at Long Point, Que.).	Quinze Lake dam		1,000 00
" 30	City of Saint John	"	Agreement *re* harbour improvements on west side of St. John, N.B., also *re* dredging of harbour and releasing the Department from any claims for damages caused to city wharves.			
Oct. 8	Albert Jacques	"	Sale of land being part of lot No. 267, Contrecoeur, Que.	Approach to wharf		1 00
" 14	Lee McDougall	"	Release for all claims *re* portion of NE. cor. of lots Nos. 22-20-21, west 2nd meridian, Craven dam (Last Mountain lake), Sask.	Craven dam		1 00
" 16	His Majesty	The Toronto Terminals Railway Co.	Permission to lay and maintain pipes to convey steam for heating Union station, including Postal Station "A," Toronto, Ont.	Union station, including Postal Station "A".		1 00
"	"	George Frauley	Permission to build a fence along Government lot at St. George, N.B.	Advertising purposes		$1 00 per mon.
Oct.	Peter O'Handley *et ux*	His Majesty	Conveyance of land lying between northern boundary of Canadian Government Railway shore of St. Andrews channel, Little Bras d'Or Lakes, N.S.	Site for wharf	8,470 sq. ft	1 00
" 27	His Majesty	Prov. Govt. of British Columbia.	Permission to lay cable crossing North Arm of Fraser river to Sea Island, B.C.			
" 28	Northern Realty Co., Ltd.	His Majesty	Grant of parcels of land composed of lots Nos. 5, 8, 9, 12 and 14, on south side of Rosedale Heights Drive and part of lot No. 45, Toronto, Ont.	Casualty Clearing Station.		52,615 66
Nov. 14	Certificate of Title		Certificate of Title *re* land being lots Nos. 1 and 2, block 29, Kamloops, B.C.	Site for Post Office		15,000 00
" 21	Grant, Smith & Co. & McDonell Ltd	His Majesty	Release for all claims, etc., in connection with contract for construction of wharves and for dredging in harbour of Victoria, B.C.			27,487 81
" 22	Samuel Gilbert	"	Release for all claims *re* damages caused to buildings on western shore of Lake Kipawa, Tp. of Gendreau, Que.	Kipawa Lake Dam		75 00
" 29	Notice of Expropriation		Expropriation of parcel of land forming part of lot No. 10, con. "D", township of Neebing Additional on Island No. 2, Fort William, Ont.	Improvements in Harbour of Fort William, Ont.	4,964 acres	

"	29	Henry Bourgeois	His Majesty	Release for all claims for damages caused to lots Nos. 47, 48 and 49, Range 2, Township of Fabre, Que.	Timiskaming Reservoir Dam.	4·92 acres	300 00
Dec.	2	W. Palmer Moffatt	"	Release for all claims for damages sustained in connection with Airplane station, North Sydney, N.S.			800 00
"	2	J. Webster Allen	"	" " "			
"	2	Mariner J. Ingraham	"	" " "			743 63
"	4	Wm. Haggerty & Dora Haggerty.	"	Release for all claims for damages sustained in connection with Seaplane station at North Sydney, N.S.			700 00 5,000 00 with interest, 5 p.c. per annum.
"	19	Daniel MacDonald *et ux*	"	Sale of land on east side of Southeast Passage, Halifax, N.S.	Airship and Kite balloon stn.	18·46 acres	8,407 00
"	22	Wm. Milne Percy *et ux*	"	Grant of land composed of lots Nos. 1, 2, 3, 4, 5, 6 and 7, fronting on southerly limit of Ridge Ave., Toronto, Ont.	Casualty Clearing Stn.		19,126 60
"	23	His Majesty	Sydney Foundry and Machine Works, Ltd.	Bill of Sale *re* ship *P.W.D. No. 7*			8,400 00
"	27	Taylor and Horwood	His Majesty	Release of all claims *re* preparation of plans and specifications for alterations, etc., to Customs Examining Warehouse and Post-office, Hamilton, Ont.			20,000 00
"	30	J. Edgar Arpin	His Majesty	Release of all claims for damages caused to property by dredging performed in 1912, Lanoraie, Que.			300 00
1920. Jan.	12	W. W. Winter & Mortgagee	His Majesty	Release for all claims for damages caused in connection with expropriation of rights and easements, William Head Quarantine Stn., B.C.			65 00
"	14	Notice of Expropriation		Expropriation of certain portion of lot No. 24, 1st Con., Tp. of Westminster, London, Ont.	Psychopathic Hospital Site.	12·71 acres	
"	22	"		Expropriation of westerly portion of lot "A", Little Current, Ont.	Site for wharf		
"	24	His Majesty	Corporation of City of Toronto.	Special grant of certain parcel of land and premises being part of Block 2, Toronto, Ont.			Free grant.
"	27	The Melvin S. Clarke Co.	His Majesty	Release for all claims for damages caused to property and premises cor. of George St. and Bedford Row, Halifax, N.S.			437 52
"	27	Pyke Motor & Yacht Co.	"	Bill of Sale *re* motor boat *Gwen*			1,550 00
Feb.	4	His Majesty	J. H. Beermans.	Sale of parcel of land being southwest part of lots Nos. 408A and 407A, Cap de la Madeleine, Que.	Private enterprise	8,236 sq. ft.	4,000 00
"	14	Notice of Expropriation		Expropriation of parcel of land and premises in Sect. 81, Dist. of Metchosin, B.C.	Wm. Head Quar. Stn.—water supply—pipe to station.	0·14 acre	
"	23	St. John Dry Dock and Shipbuilding Co., Ltd., and Montreal Trust Co.		Assignment of subsidy agreement *re* contract for construction of dry dock at Courtnay Bay, N.B.			

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what purpose.	Area.	Price.
1920.						$ cts.
Feb. 26	Wm. Harthy	His Majesty	Release for all claims in connection with lands at Southeast Passage, Halifax, N.S.	Airplane Stn		350 00
Mar. 2	John W. Holland *et ux*	"	Sale of piece of land at Duncan's Cove, N.S.	Site for breakwater	2,350 sq. ft.	15 00
" 8	His Majesty	Georgian Bay Shipbuilding and Wrecking Co., Ltd.	Bill of Sale *re* Inspection Boat *Cingalee*			2,200 00
" 9	Chas. Holland *et ux*	His Majesty	Sale of piece of land at Duncan's Cove, N.S.	Site for breakwater	5,460 sq. ft.	75 00
Mar. 18	His Majesty	Buffalo and Fort Erie Steamship Company Limited.	License to operate ferry across Niagara River between Fort Erie and City of Buffalo, N.Y.		10 years from Feb. 1, 1920.	$50 per annum.
" 22	Adolph Barthel *et ux*	His Majesty	Grant of land being part of water lot in front of lot No. 35, 1st Con., Tp. Sandwich, Ont.	Improvements in Detroit River.		433 76
" 24	Samuel G. Rawding	His Majesty	Bill of Sale *re* gasolene motor boat *Sturdee* and engine.			1,500 00
" 30	His Majesty	Corporation of City of Ottawa	Agreement to pay Corporation in full satisfaction and discharge of all claims and demands on Government during 5 years.			75,000 00 per annum.

The following items were received too late for insertion in last year's Annual Report 1918-19.

	1876.						
April	27	J. Campbell and McLagan and wife.	His Majesty	Sale of land and premises at Guelph, Ont.	Site for Pub. Bldg.	4,934 sq. ft.	4,000 00
	1912.						
Feb.	29	Certificate of Title		Certificate of Title *re* parcel of land No. 1, being portion of lot No. 450 and parcel No. 2, being portion of lot No. 309, New Westminster, B.C.	Powell River Breakwater.	1·46 acres	
July	17	W. A. Stuart	His Majesty	Sale of piece of land 60 ft. by 100 ft., Village of Napierville, Que.	Government purposes		1,000 00
	1915.						
Dec.	22	Geo. Daly *et ux*	"	Sale of land at Head of Chezzetcook, N.S.		·03 acre	60 00
"	28	Leander J. Fulton	"	Sale of land at Little Bass River, N.S.	Right of way and piling ground.		200 00
	1918.						
Oct.	4	Mrs. Is. Noel Belleau	"	Sale of land forming part of lot No. 4, Village of Lauzon, Que.	Levis Dry Dock	589,000 sq. ft. Eng. meas.	22,713 48

"	11	John Smith *et ux*	"	Sale of land *re* undivided ¼ interest in parcel of land, Kraut Point, N.S.	Approach to wharf	0·2 acres	20 00
Nov.	18	John Walker *et al*	"	Release *re* property adjacent to Fraser River, B.C., for damages caused by dredging performed in.	Fraser River Dredging		Free of cost.
	1919.						
Feb.	17	Dept. of Marine and Fisheries.	J. Coughlan & Sons.	License for occupation of certain water lot in bed of public harbour, Vancouver, B.C.			$1.00 per ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, April 1, 1919, to March 31, 1920.

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
1919.						$ cts.
April 1, 1919..	His Majesty.....	Gatineau Boom Co.	Lease of all that property at mouth of Gatineau River, Que., etc.	Private enterprise.....	21 years from April, 1, 1919..	$1 p. annum.
" 2, 1919..	McCallum Mill Building, Ltd.	His Majesty....	Lease of rooms Nos. 901 to 908, incl. in "McCallum Hill & Co's. Office Building," Regina, Sask.	Invalided Soldiers' Commission.	1 year from March 1, 1919.	$3,960 p. ann.
" 3, 1919..	The Community of the Sisters of Charity of the Gen'l. Hosp.	" ..	Lease of building No. 23 Jeanne Mance st., Montreal, Que.	T.C. Laval and Armoury (M. & D.).	1 year from May 1, 1919.	$1,800 00
" 4, 1919..	The Ottawa Electric Co..	" ..	Lease of three ground floor offices in "Thistle Building", 26 Wellington st, Ottawa, Ont.	Trade and Commerce...	1 year from Feb. 15, 1919.	$1,200 p. ann., (renewable)
" 4, 1919..	The Royal Trust Co. of Montreal, Agents of Dame Edith Marion Shorey.	" ..	Office on 2nd floor of building, No. 394 Victoria ave., Westmount, Que.	Branch office for Inland Revenue Dept.	1 year from May 1, 1919.	$240 p. annum.
" 4, 1919..	Ottawa Building Co., Ltd.	" ..	Lease of "Nagle Building" on south side of Wellington st., Ottawa, Ont.	Federal Government accomodation.	1 year from May 1, 1919.	$2,500 p. ann.
" 4, 1919..	T. B. and D. J. Riley....	" ..	Lease of two offices on 1st floor of "Riley Building, Charlottetown, P.E.I.	Soldier Settlement Board.	1 year from 1st Mar., 1919.	$400 p. annum.
7, 1919..	Wm. A. Brunton.....	" ..	Lease of lot No. 21 and west ½ of lot No. 22 on west side of Prospect ave., Newmarket, Ont.	Nurses' Home for Invalided Soldiers' Com.	3 years from July 3, 1918.	$600 p. annum.
" 9, 1919..	The H. J. Daly Company,	" ..	Lease of entire "Daly Building," cor. Sussex	Federal Government	5 years from	$85,000 p. ann.
		" ..	..and Rideau sts., Ottawa, Ont.	Offices.	July 1, 1919.	
9, 1919..	Montreal Trust Co.....	" ..	Lease of 1762 sq. ft. on 2nd floor of "Hesslein Building, Halifax, N.S.	Registrar under Mil. Service Act.	From 1st May 1919 to Oct. 31, 1919.	$190.00 per m.
" 9, 1919..	Notre Dame Investment Co., Ltd	" ..	Lease of room No. 305 in "Notre Dame Investment Building, Winnipeg, Man.	Dental Clinic....S.C.R.	2 years from Feb. 15, 1919.	$600 p. annum.
" 9, 1919..	Notre Dame Investment Co., Ltd.	" ..	Lease of rooms Nos. 411 to 414 incl. in "Notre Dame Investment Building", Winnipeg, Man.	Vocational Br....S.C.R.	2 years from Feb. 15, 1919.	$360 p. annum.
" 11, 1919..	Dorchester Realties, Ltd..	" ..	Lease of 4,335 sq. ft. on 10th floor of "Shaughnessy Building," Montreal, Que.	Inspector of Taxation 2..	1 year and 2 months from Mar. 1, 1919.	$3,684.75 p. annum.
" 11, 1919..	Dorchester Realties, Ltd..	" ..	Lease of 4,820 sq. ft. on 5th floor of "Shaughnessy Building," Montreal, Que.	Public Works Department and Marine and Fisheries.	2 years from May 1, 1919.	$8,389.55 per annum.
" 14, 1919..	Whitmore Bros., Limited.	" ..	Lease of 1st floor of building, Scarth st., Regina, Sask.	Soldier Settlement Bd.	1 year from April 1, 1919.	$1,800 p. ann.
" 15, 1919..	Saskatchewan Mortgage Trust Corporation Ltd.	" ..	Lease of 3,276 sq. ft. of ground floor and 3,276 sq. ft. of basement of building, Regina., Sask.	Barrack stores (M.&D.)	1 year from Mar. 1, 1919.	$1,800 p. ann.

"	15,	1919..	Louis J. Breithaupt.....	"	..	Lease of room on 3rd floor of "Y.M.C.A." building, Kitchener, Ont.	Militia and Defence.....	1 year from Oct. 1, 1918.	$72 per ann.
	17,	1919..	L. K. Liggett Co., Ltd....	"	..	Lease of 1st floor of building, No. 127 King st. east, Hamilton, Ont.	Dental Clinic (M.&D)..	From month to month from date of occupation.	$100 p. month. (monthly tenancy).
"	19,	1919..	The Tribune Publishing Co., Ltd.	"	..	Lease of room 312 in building, cor. Smith st. and Graham ave., Winnipeg, Man.	Dept. of Labour.....	1 year from April 1, 1919.	$840 p. annum.
	19,	1919..	John Widdicombe.....	"	..	Lease of 2nd floor of building, No. 98 St. Paul st., St. Catharines, Ont.	S.C.R. Dept.....	year from April 19, 1919.	$300 p. annum
"	19,	1919..	Hugh McPherson.....	"	..	Lease of "Elmhurst property," Kingston, Ont.	S.C.R. Dept.....	1 year from Feb. 20, 1919.	$1,500 p. ann.
"	23,	1919..	Robt. L. Blackburn.....	"	..	Lease of 6th floor of "Plaza Building," cor. of Sussex and Rideau sts., Ottawa, Ont.	Secretary of State Dept.	From Mar. 15, 1919, to July 1st, 1920.	$3,731.76 p. an.
"	23,	1919..	Mrs. Mary Conroy.....	"	..	Lease of 4 rooms with use of vault in "Crown Bank Buildings," Kingston, Ont.	War Tax Office.....	1 year from June 1, 1918.	$300 p. annum.
"	26,	1919..	Nicholas E. Connor.....	"	..	Lease of room No. 10 in "Golden Lion Block," cor. of Wellington and Brock sts., Kingston, Ont.	Invalided Soldiers' Commission.	2 years from Oct. 1, 1918.	$35 p. month.
"	26,	1919..	Nicholas E. Connor.....	"	..	Lease of basement and ground floor of building, No. 112 Buck st., Kingston, Ont.	Soldier Civil Re-Est....	2 years from Nov. 1, 1918.	$300 p. annum.
"	26,	1919..	David John Nesbitt (sheriff).	"	..	Lease of building on lot No. 39, south side of Main st., Brighton, Ont.	Post Office.....	From Feb. 1st 1919 to Sept. 4, 1920.	$100 p. annum.
"	26,	1929..	Bryson Realty, Limited..	"	..	Lease of four floors above ground floor with 100 sq. ft. in basement of building, Queen. st., Ottawa, Ont.	Public Works Dept. and Interior Dept.	1 year from April 25, 1919.	$9,240 p. ann., (renewable)
"	28,	1919..	Quebec Rly., Light, Heat and Power Co., Ltd.	"	..	Lease of one large room on 5th floor of "Merger Building," Quebec, Que.	S.C.R. Dept.....	From Mar. 19, 1919 to April 30,1920.	$1,400 p. ann.
"	28,	1919..	Quebec Rly., Light, Heat and Power Co., Ltd.	"	..	Lease of Suite No. 408 in "Merger Building," Quebec, Que.	S.C.R. Dept.....	From date of occupation to April 30, 1920.	$540 p. annum.
"	28,	1919..	Thos. B. Riley and Daniel J. Riley.	"	..	Lease of one room on 1st floor of "Riley Building", Queen st., Charlottetown, P.E.I.	S. S. Board.....	From April 4, 1919 to March 1, 1920.	$300 p. ann.
"	30,	1919..	Imperial Canadian Trust Company.	"	..	Lease of rooms Nos. 401 and 402 in "Canada Building," Saskatoon, Sask.	S. S. Board.....	2 years from April 1, 1919.	$798 per ann.
"	30,	1919..	Edmund Wood Clark....	"	..	Lease of dwelling house and premises No. 12 on west side of Emmett st., Ottawa, Ont.	Militia and Defence.....	1 year from Apr. 30, 1919.	$50 per month.
May	1,	1919..	The Bank of Nova Scotia	"	..	Lease of messuage known as "Nos. 35 to 37, King st., west, Toronto Ont.	Ass't. Rec. Gen'l. Staff.	From May 1, 1919.	$83.33 p. m., (monthly tenancy).
"	1,	1919..	R. L. Blackburn.....	"	..	Lease of 3rd floor of "Plaza Building," Ottawa, Ont.	S. C. Re-Est.....	From April 1, 1919, to May 1, 1920.	$3,650 p. ann.
"	1,	1919..	Estate of Samuel Simpson Sharpe (deceased).	"	..	Lease of ground floor and basement of "Central Building", Transcona, Man.	Post Office.....	2 years from May 1, 1918.	$720 p. annum, (renewable)

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, April 1, 1919, to March 31, 1920.—*Continued.*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
1919.						$ cts.
May 1, 1919..	The Slater & Sherwood Estate.	His Majesty....	Lease of three buildings on Wellington st., Ottawa, Ont.	Dom. Police Br. Justice Dept.	5 years from occupation.	$11,000 p. ann.
" 2 , 1919.	C. Jackson Booth.....	" ..	Lease of seven upper floors and, ground floor mezzanine, barber shop, etc., in "Transportation Building," Ottawa, Ont.	Board of PensionsCommsrs. of Canada.	5 years from date of occupation.	$45,600 p. ann.
" 2, 1919..	Sir Rodmond Palin Roblin	" ..	Lease of messuage and tenement No. 103, Osborne st., Winnipeg, Man.	Postal Stn. "C".....	2 years from Feb. 1, 1919.	$1,380 p. ann.
" 3, 1919..	Frank Jarman.....	" ..	Lease of 1st two flats and basement of premises Nos. 326 and 328, Queen st., Ottawa, Ont.	Trade and Commerce...	1 year and 1 month from April 1, 1919.	$130 p. month.
" 3, 1919..	The Eastern Trust Co.....	" ..	Lease of 1,615 sq. ft. on 1st floor of building, No. 184 Hollis st., Halifax, N.S.	Inspector of Taxation....	3 years from May 1, 1919.	$1,620 p. ann.
" 5, 1919..	The Royal Bank of Can..	" ..	Lease of rooms Nos. 109 to 115, incl. on 1st floor and rooms Nos. 209 to 213, incl. on 2nd floor of Bank Building, London, Ont.	Medical treatment for returned soldiers.	1 year from Apr. 3, 1919.	$4,671 p. ann.
" 6, 1919..	M. Anna Brock, M. Brock, Wm. L. H. Brock and R. A. Brock.	" ..	Lease of four story building and basement of same No. 276 King st., west, Toronto, Ont.	Examining warehouse..	2 years from Mar. 15, 1919.	$11,000 p. ann. (renewable.)
" 9, 1919..	His Majesty.....	J. Adoni Carignan.	Lease of building, No. 106 Public st., Grand Mere, Que.	Private enterprise.....	From April 1, 1919.	$15 p. month, (mon.tenancy)
" 10, 1919..	Wm. James Boyd.....	His Majesty....	Lease of part of 2nd floor of "Boyd Building," Winnipeg, Man.	Railway Commission...	1 year from June 1, 1919.	$1,380 p. ann.
" 12, 1919..	The Ignition Repairing and Supply Co., Ltd.	"	Lease of warehouse floor above brick garage No. 475 Spadina ave., Toronto, Ont.	Voc. Br. S.C.R.....	1 year from Feb. 7, 1919.	$480 p. ann., (renewable)
" 12, 1919..	Sun Life Assurance Co. of Canada.	"	Lease of part of ground floor of "Sun Life Building", Sherbrooke, Ont.	S. S. Board.....	1 year from May 1, 1919.	$900 per ann., (renewable)
" 12, 1919..	Wm. Claude Fox.....	"	Lease of office space on 3rd, 4th, 6th and 7th floors with two extra vaults in Board of Trade Building, Toronto, Ont.	Temporary Customs House.	2 years from April 1, 1919.	$14,246.50 per annum, (renewable)
" 13, 1919..	Montague Aldous.....	"	Lease of 2,330 sq. ft. of basement in "Aldous Block", Princess st., Winnipeg, Man.	Ordnance storage, M. and D.	1 year from Nov 12, 1918.	$1,044 p. ann.
" 13, 1919..	John Might Stratton.....	"	Lease of 7 offices on 1st floor of building, cor. Lyon and Sparks st., Ottawa, Ont.	War Savings Comm.....	From May 1, 1919 to Nov. 1, 1919.	$75.40 p. mth.
" 14, 1919..	Allen Mfg. Co., Ltd.....	"	Lease of 4th floor, front and back sections and part of basement of "Allen Building," Toronto, Ont.	Voc. Br. S.C.R.....	2 years from date of occupation.	$6,594 p. ann. (renewable).
" 16, 1919..	Daniel V. Doyle.....	"	Lease of two stores Nos. 27 and 29, Campbell st., Belleville, Ont...	Insp. of Taxation.....	3 years from June 1, 1919.	$800 per ann. (renewable)

May	16, 1919..	L'Auditorium de Quebec, Ltée.	"	....	Lease of 3rd floor in "Auditorium Annex," Quebec, Que.	Dom. Police and Registry Br.	From month to month, from June 1, 1919.	$1,700 p. ann.
"	16, 1919..	The Independent Order of Foresters.	"	....	Lease of room No. 12 and Assembly Hall on 6th floor of "Temple Building," Toronto, Ont.	Ontario Registrar.....	1 year from June 1, 1919.	$3,648 per ann.
"	16, 1919..	Jessie Gerson Miller.....	"	....	Lease of double building on lots Nos. 16 and 17, block 1, Ceepear, Ogden, Calgary, Alta.	S.C.R. (Voc. Br.).....	1 year from Apr. 1, 1919.	$150 per ann.
"	19, 1919..	The Western Provinces Mortgage Co. Ltd. and W. J. Budd.	"	....	Lease of furnished residence and garage No. 712, 12th ave., Calgary, Alta.	Nursing sisters Home District No. 13, (M. and D.)	1 year from date of occupation.	$135 per mth.
"	20, 1919..	Adolphe Louis Caron.....	"	....	Lease of store on ground floor of building Nos. 1124 and 1126 Laurier ave. west, Outremont. Que.	Postal Station.....	3 years from date of occupation.	$175 p. month.
"	26, 1919..	Thomas C. Rice.....	"	....	Lease of building on west side of Main Road and on south side of Bridge, Weymouth, N.S.	Post Office.....	1 year from June 1, 1919.	$200 p. annum.
"	28, 1919..	McCallum Hill Building Limited.	"	....	Lease of room No. 1005 in building on lots Nos. 21, 22 and 23, block 307, Regina, Sask.	S. C. Re-Est.....	1 year from April 10, 1919.	$480 p. annum.
"	29, 1919..	George G. Cox.....	"	....	Lease of store on ground floor of "Pentagon Building," Halifax, N.S.	Dept. of Labour.....	1 year from May 1, 1919.	$900 p. ann.
"	29, 1919..	Wm. Alfred Baner.....	"	....	Lease of rooms Nos. 509 to 512, incl. and 3 vaults on 5th floor of "Pacific Building," Vancouver, B.C.	Geological Survey Br...	1 year from June 25, 1919.	$65 per month, from beginning of term to Sept. 25, 1919 and $85 per month, after that date.
"	30, 1919..	F. J. Proctor, F. R. S. Balfour, J. A. Innes and Thomas Butter	"	....	Lease of ground floor, cor. store of building at cor. of Namay st. and 102nd ave., Edmonton, Alta.	S.C. Re-Est. Dept.....	2 years from Feb. 15, 1919.	$600 per ann.
June	1, 1919..	His Majesty.....	Dan McDonald		Lease of land, east side of Southeast Passage, Halifax Harbour, N.S.	Private enterprise.....	1 year from June 1, 1919.	$385 p. annum
"	1, 1919..	Fred. J. White.....	His Majesty....		Lease of 500 sq. ft. of building No. 100 Queen st., Moncton, N.B.	S.C. Re-Est.....	1 year from Jan. 1, 1919.	$25 p. month.
"	1, 1919..	Isaie Pilon.....	"	....	Lease of frame building, No. 101 Main st., Ste. Anne de Bellevue, Que.	Mil. Police (M. and D.)	6 months from date of occupation.	$25 p. month.
"	2, 1919..	Fred. W. Carling.....	"	„ ..	Lease of "Imperial Garage" on south east cor. of Sparks and Kent sts., Ottawa, Ont.	Historical Record Comm Branch (M. & D.)	From date of occupation to May 1, 1922..	$445 p. annum.
"	2, 1919..	Thornton and Douglas Ltd	"	....	Lease of four rooms on 3rd floor of "Thornton & Douglas Building," Stratford, Ont...	S. C. Re-Est-.....	2 years from date of occupation.	$360 p. ann.
"	2, 1919..	Whitmore Bros., Ltd.....	"	....	Lease of brick building, cor. of 12th ave. and Hamilton st., Regina, Sask.....	Hed. Quarters for No. 12 Mil- District.	1 year from June 1, 1919.	$4,200 p. ann. (renewable.
"	2, 1919..	Belgo-Canadian Realty Co. Ltd.	"	....	Lease of 2nd floor of modern building, north-east cor. of Greene ave. and St. Catherines st., Westmount, Que.	58th Westmount Rifles..	1 year from May 1, 1919.	$1,500 p. ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
June 3, 1919..	His Majesty.....	Corporation of town. of New Liskeard.	Lease of parcel of land composed of portion of block "C", subdivision of lot No. 8, R. I., tp. of Dymend, Ont.	.....	During pleasure.	$1 per annum.
" 4, 1919..	J. Maguire Guerin.....	His Majesty....	Lease of store No. 186 Windsor st., Montreal, Que.	S.C. Re-Est.....	1 year from date of occupation.	$2,300 p. ann.
" 6, 1919..	A. B. Cotton, A. Scott Innes, executors for A. G. H. Potts estate represented by Heisterman, Forman and Company.	"	Lease of 3,200 sq. ft. on ground floor and 530 sq. ft. on mezzanine floor of building No. 719 Courtney st., Victoria, B.C.....	Medical stores (M. & D.	1 year from Oct. 1,1918 and from month to month thereafter.	$480 per ann.
" 9, 1919..	Royal Trust Co., in trust for the Calgary Brewing and Malting Co. Ltd.	" .... "	Lease of "Ogden Hotel Property", Calgary, Alta.	Mil.-Convalescent Hosp.	From month to month from Jan. 1, 1919 to Jan. 1, 1920.	$10,000 per. annum.
" 10, 1919..	Geo. A. Cox.....	"	Lease of 76 sq. ft. of "Simpson Building" of "Pentagon Building," Halifax, N.S.	Dept. of Labour.....	1 year from May 1, 1919.	$120 p. ann.
" 10, 1919..	Dorchester Realties Ltd..	"	Lease of offices on 3rd floor of "Shaughnessy Building, cor. of McGill and St. Paul sts., Montreal, Que.	Dom. Police (Justice Dept.)	From month to month, from July 1, 1919.	$125 p. month, (monthly tenancy).
" 11, 1919..	Enderton Investment Co., Ltd.	"	Lease of 4,900 sq. ft. on 2nd floor of "Enderton Building," Winnipeg, Man.	S. S. Board.....	2 years from date of occupation..	$3,600 p. ann.
" 15, 1919..	John H. Harris.....	"	Lease of 776 sq. ft. on ground floor of three story stone building, No. 565 Main st., Moncton, N.B.	Dept. of Labour.....	1 year from date of occuation.	$720 p. annum.
" 15, 1919..	Wm. James Southam.....	"	Lease of top or 6th floor of "Southam Building," Calgary, Alta.	S. S. Board.....	2 years from date of occupation.	$7,200 p. ann.
" 16, 1919..	C. W. Lindsay, Limited...	"	Lease of five rooms on 3rd floor of "Lindsay Building," Nos.201-203 St.John st., Quebec, Que.	S. S. Board.....	1 year from date of occupation.	$50 p. month.
" 18, 1919..	C. Jackson Booth and J. A. D. Holbrook.....	"	Lease of 5th, 6th and 7th floors and parts of 4th floof of "Booth Building," Ottawa, Ont.	Indian Affairs and War Purchasing Commission.	5 years from Nov. 1, 1918.	$20,970 p. ann.
" 18, 1919..	F. Dougall.....	"	Lease of garage accommodation, No. 1111 Mears st., Victoria, B.C.	S. C. Re-Est.....	From month to month from May 19, 1919.	$25 p. month, (monthly tenancy.)
" .. 1919..	The Royal Bank of Canada.	"	Lease of office on 1st floor of Royal Bank Building, Charlottetown, P.E.I.	Publicity Agent, Immg. Branch, Int. Dept.	1 year from Oct. 9, 1919.	$200 p. annum.

"	20, 1919..	Sir H. N. Bate Realty Corporation Ltd.	"	....	Lease of apartment No. 401 in "Aylmer Apartment," Slater st., Ottawa, Ont.	Min. of Overseas and staff.	4 months from May 1, 1919.	$100 p. month. (monthly tenancy).
"	23, 1919..	Wm. M. Birks, Jno. H. Birks and G. W. Birks.	"	....	Lease of rooms Nos. 301 to 307, in New Birks' Building, Phillips Square, Montreal, Que.	Railways and Canals...	1 year from May 1, 1919.	$2,250 p. ann. (renewable)
"	23, 1919..	Northern Electric Co., Ltd.	"	....	Lease of factory building and yard northeast cor. of Guy and St. James sts., Montreal, Que.	Barracks.....	3 months from June 1, 1919.	$1,250 p. mth.
"	23, 1919..	Mrs. Annie Bothwell.....	"	....	Lease of three story brick building, No. 76 Dunlop st., Barrie, Ont.	Dental Clinic (M. & D.)	6 months from May 6, 1919 and thereafter from month to month.	$20 p. month.
"	24, 1919..	Bank of Montreal.....	"	....	Lease of 1081 sq. ft. on gr. floor and 115 sq. ft. of basement in Bank building, Verdun, Que.	Postal Station.....	2 years from date of occupation.	$1,350 p. ann. (renewable)
"	26, 1919..	Frank C. Patten.....	"	....	Lease of rear rooms on ground floor of two story wooden building, cor Water st. and International Bridge, St. Stephen, N.B...	Immg.-Inspector.....	3 years from date of occupation.	$300 p. ann.
"	26, 1919..	Beemish & Smith.....	"	....	Lease of three rooms on 2nd floor of "Beemish & Smith" block, North Bay, Ont.	Dental Clinic (M. & D.)	6 months from June 15, 1919.	$15 p. month, (renewable)
"	26, 1919..	R. T. Elliott, H. A. Mac Lean, H. H. Shandley, H. M. Fullerton and T. S. McPherson.	"	....	Lease of 6th floor and rooms Nos. 501-502 with rooms Nos. 508 to 514 in "Central Building," Victoria, B.C.	S.C.R. Dept.....	From May 18, 1919 to April 18, 1921	$300 p. month.
"	27, 1919..	Quebec Railway, Light, Heat and Power Co. Ltd	"	....	Lease of 234 sq. ft. etc., on 5th floor of "Merger Building," Quebec, Que.	S.C.R. Dept.....	From date of occupation to April 30, 1920.	$270 p. month.
"	28, 1919..	His Majesty.....	Fanny A. Hawkesworth.	....	Lease of parcel of land composed of part of block "C," New Liskeard, Ont.	Private enterprise.....	During pleasure.	$55 per annum.
"	28, 1919..	Furness, Withy & Co., Ltd	His Majesty....	....	Lease of three offices in building No. 75 Upper Water st., Halifax, N.S.	Steamship Insp.....	1 year from Aug. 1, 1919.	$450 p. annum.
"	30, 1919..	Wm. McWilliams Inc....	"	....	1123 sq. ft. on ground floor of southerly ½ of building, corner D'Auteuil and Elgin sts., Quebec.	Supt. of Dom. Arsenal..	1 year from Sept. 1, 1919.	$600 p. annum.
"	30, 1919..	The Bank of Nova Scotia	"	....	Lease of ground floor of "Glenora Hotel", Nos. 121-123 Rideau st., Ottawa, Ont.	S.C.R. Dept.....	1 year from date of occupation.	$2,800 p. ann., (renewable)
"	30, 1919..	Dr. A. C. Harling.....	"	....	Lease of offices in building, Yarmouth, N.S..	Dental Clinic (M.& D.)	From month to month from date of occupation.	$20 p. month (monthly tenancy).
"	30, 1919..	Dominion Life Assurance Co.	"	....	Lease of 1,800 sq. ft. on 5th floor of "Weston Chambers", Regina, Sask.	S.C.R. Dept.....	1 year from May 1, 1919.	$2,100 p. ann.
July	1, 1919..	The Bank of Nova Scotia.	"	....	Lease of office No. 31 in building, s.w. cor. of St. Paul and St. James sts., St. Catharines, Ont.	Insp. of Taxation.....	1 year from July 1, 1919.	$300 p. annum. (renewable)
"	1, 1919..	Kenneth A. McLeod.....	"	....	Lease of rooms Nos. 314 to 319, incl on 3rd floor of "McLeod Block", Edmonton, Alta.	S.C.R. Dept.....	1 year from date of occupation.	$2,220 p. ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
July 5, 1919..	Dr. Maxwell Lanterman...	His Majesty....	Lease of rooms Nos. 309 to 317 in building, University st., Montreal, Que.	Garage (M. & D.).....	1 year from May 1, 1919.	$500 p. month.
" 5, 1919..	Queens University.....	"	Lease of "Old Collegiate Building," cor. Clergy and Barrie sts., Kingston, Ont.	M. and D.....	5 years from May 2, 1919.	$1,000 p. ann., (renewable)
" 7, 1919..	Grand Trunk Railway of of Canada.	"	Lease of certain portion of station building, Brockville, Ont.	Post Office Dept.....	5 years from April 1, 1919.	$24 p. annum.
" 8, 1919..	Georgina Alice Phillips...	"	Lease of two adjoining rooms on 2nd floor of "Coronation Building," Montreal, Que.	S.C.R. Dept.....	From June 1, 1919 to 6 mos. after end of war.	$35 p. month.
" 8, 1919..	Sir H. N. Bate, Realty Corporation, Ltd.	"	Lease of Apartment No. 7 in "Aylmer Annex" Ottawa, Ont.	Personal services.....	From month to month from Sept. 1, 1919.	$35 p. month, (monthly tenancy.)
" 9, 1919..	Grand Trunk Railway of Canada.	"	Lease of certain portion of station building, London, Ont.	Post Office Dept.....	5 years from April 1, 1919.	$80 p. annum.
" 9, 1919..	Harry Gummer.....	"	Lease of 788 sq. ft. on ground floor and 936 sq. ft. on 1st floor of "Herald Building," Quebec, Que.	S.C.R. Dept.....	2 years from date of occupation.	$1,200 p. ann., (renewable).
" 11, 1919..	J. L. Nichols Co., Ltd.....	" .... "	Lease of two story brick residence and one story frame garage, No. 184 Spadina ave., Toronto, Ont.	S.C.R. Dept.....	1 year from June 1, 1919.	$1,896 p. ann.
" 14, 1919..	Prince Albert Opera House Co. Ltd.	"	Lease of 1,675 sq. ft. of 1st floor of "Empress Theatre Building," Prince Albert, Sask.	S.S. Board.....	1 year from April 21, 1919.	$600 per ann.
" 14, 1919..	The Knights of Columbus Council 1428.	"	Lease of "Victoria Hall" Peter st., Orillia, Ont.	Voc. Branch, S.C.R. Dept.	1 year from May 16, 1919.	$660 p. annum. (renewable)
" 15, 1919..	Mrs. J. B. Chevrier.....	"	Lease of premises No. 105 Murray st., Ottawa, Ont.	Storage (Printing Bureau).	From July 14, 1919 to Aug. 29, 1921.	$2,390 p. ann.
" 16, 1919..	Wm. Alfred Baner.....	"	Lease of room No. 508 in Pacific Building, Vancouver, B.C.	Dept. of Mines.....	6 months, from July 1, 1919.	$22.50 p. mth.
" 16, 1919..	Estate of late Edgar McDougall (represented by Royal Trust Co.)	"	Lease of property No. 786 Dorchester st. west, Montreal, Que.	S. C. R. Dept.....	1 year from May 1, 1919.	$3,000 p. ann.
" 17, 1919..	C. V. Edmunds.....	"	Lease of 480 sq. ft. on 2nd floor of two story brick building, Simcoe st., south, Ottawa, Ont.	Voc. Br. S.C.R. Dept...	1 year from date of occupation	$300 p. annum, (renewable)
" 18, 1919..	The Dominion Bank.....	"	Lease of 3rd floor (except two rooms) of building, corner of 1st Street east and 8th ave., Calgary, Alta.	Forestry Branch, Int. Dept.	2 years from Apr. 1, 1919.	$2,400 per annum.

"	19, 1919..	Alice M. Rogers and Helen M. Brown.	"	....	Lease of store on ground floor of premises No. 192 Ontario st., Kingston, Ont.	Immg. Office.....	1 year from May 31, 1919.	$180 per ann.
"	19, 1919..	J. M. Weeks.....	"	....	Lease of office on 1st floor of building, No. 54 Argyle st., Halifax, N.S.	Archives Office.....	From month to month from May 1, 1919.	$20 per month (monthly tenancy).
"	21, 1919..	Wm. Frank Higgins.....	"	....	Lease of 827 sq. ft. of lot east and adjoining "Royal Alexandra Theatre," Toronto, Ont.	S.C. Re-Est. Dept.....	1 year from date of occupation.	$18 per month (renewable).
"	21, 1919..	Henry J. Borbridge.....	"	....	Lease of 1st and 2nd floors of "Union Overall Building," corner of McDermott and Lydia sts., Winnipeg, Man.	S.C. Re-Est. Dept.....	1 year from date of occupation.	$4,800 per ann. (renewable).
"	22, 1919..	Eusebe Beaudoin.....	"	....	Lease of three rooms in lower part of three-story building No. 180 Notre Dame st., Lachine, Que.	S.C. Re-Est. Dept.....	1 year from date of occupation.	$210 per ann. (renewable).
"	22, 1919..	Le Comptoir Mobilier Franco-Canadien.	"	....	Lease of "Old Herald Building" Nos. 117 and 119, Craig st., Montreal, Que.	Post Office Dept.....	2 years from Nov. 23, 1919.	$8,000 per ann.
"	22, 1919..	Leslie Hamilton Gault....	"	....	Lease of "Brachead Property" No. 148 McTavish st., Montreal, Que.	Hosp. for incurable returned soldiers.	2 years from date of occupation.	$5,220 per an.
"	22, 1919..	Shedden Forwarding Co., Ltd.	"	....	Lease of two-story building north side of Front st. west, Toronto, Ont.	Militia and Defence.....	From month to month, from July 22, 1919.	$30 per month.
"	23, 1919..	Brant Amusement Limited	"	....	Lease of part of brick building cor. King and Dalhousie sts., Brantford, Ont.	Voc. Br. S.C.R.....	1 year from date of occupation.	$1,400 per ann. (renewable).
"	23, 1919..	Commercial Exchange Building.	"	....	Lease of room No. 515 in "Whalen Block," Port Arthur, Ont.	S.C.R. Dept.....	6 months from May 15, 1919.	$30 per month (monthly tenancy).
"	24, 1919..	Georgina Alice Philips....	"	....	Lease of room No. 211 in "Coronation Building," No. 121 Bishop st., Montreal, Que.	Asst. Dir. Dental Service.	From July 1, 1919 to 6 mos. after war.	$35 per month.
"	28, 1919..	Ralph Emerson Stone.....	"	....	Lease of three rooms in building on Queen st., Sault Ste. Marie, Ont.	Dental Clinic (M. & D.)	6 months from June 15, 1919.	$20 per month (renewable).
"	29, 1919..	Beemish & Smith.....	"	....	Lease of three rooms on 2nd floor of "Beemish & Smith Block," North Bay, Ont.	Dental Clinic (M. & D.)	From June 15, 1919 to Dec. 15, 1919.	$15 per month (renewable).
"	29, 1919..	Enderton Investment Co., Ltd.	"	....	Lease of 193 sq. ft. on 2nd floor of "Enderton Building," Portage ave., Winnipeg, Man.	S.C.R. Dept.....	From May 15, 1919 to April 30, 1921.	$180 per ann.
Aug.	1, 1919..	R. D. Fairbairn Co., Ltd.	"	....	Lease of part of 3rd floor in brick building, south-east cor. of Simcoe and Pearl sts., Toronto, Ont.	S.C.R. Dept.....	From date of occupation to Mar. 31, 1923.	$1,500 per ann.
"	1, 1919..	Canadian Pacific Railway Co.	"	....	Lease of space in railway depot, Vancouver, B.C.	Postal Station "A".....	5 years from Aug. 1, 1919.	$3,079.28 per annum.
"	1, 1919..	Mrs. L. G. Farr.....	"	....	Lease of three rooms on 2nd floor of "Haileybury Block," Haileybury, Ont.	Dental Clinic (M. & D.)	From month to month from Aug. 1, 1919.	$20 per month (monthly tenancy).
"	1, 1919..	His Majesty.....	The Amherst Telephone Co.		Lease of Government Telephone Line, Amherst Island, N.S.	.....	21 years from Aug 1., 1919.	$1 per annum.
"	5, 1919..	Alexander Mullin.....	His Majesty....		Lease of ground floor and basement of premises sw. cor. of Bloor & Markham sts, Toronto, Ont.	Postal Station "E".....	1 year from Aug. 1, 1919.	$1,440 per ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Aug. 7, 1919..	Joseph Huggard.....	His Majesty....	Lease of three-story brick residence No. 699 Spadina ave., Toronto, Ont.	S.C. Re-Est. Dept.....	2 years from July 1, 1919.	$900 per ann. (renewable).
" 8, 1919..	Caleb Lain.....	"	Lease of 1,000 sq. ft. in building No. 849 Queen st. east, Sault Ste. Marie, Ont.	Militia and Defence.....	1 year from April 8 1919.,	$40 per month (renewable).
" 9, 1919..	Allen Mfg. Co., Ltd.....	"	Lease of 1,300 sq. ft. of passageway on 3rd floor of "Allen Building," cor. Simcoe and Pearl sts., Toronto, Ont.	S.C. Re-Est. Dept.....	From date of occupation to Dec. 1, 1923.	$500 per ann.
" 11, 1919..	The Molsons Bank.....	"	Lease of office on 2nd floor of "Molsons Bank Building," Vancouver, B.C.	Insp. of Taxation.....	From month to month from April 1, 1919.	$100 per m., (monthly tenancy).
" 12, 1919..	The Merchants Bank of Canada.	"	Lease of building cor. Prince William and Church sts., St. John, N.B.	S.C. Re-Est. Dept.....	11 months from June 1, 1919.	$900 per ann. (renewable).
" 12, 1919..	Island Land Co., Ltd . .	"	Lease of rooms Nos. 304 to 307 incl. in Drum-mond Building," No. 511 St. Catherine st. west, Montreal, Que.	S.S. Board.....	From date of occupation to May 1, 1921.	$2,731.25 per annum.
" 12, 1919..	Island Land Co., Ltd.....	"	Lease of rooms Nos. 100 to 105 incl. and 108 to 123 inclusive on 1st floor of "Drummond Building," Montreal, Que.	S.S. Board.....	From date of occupation to May 1, 1921.	$10,917 per an.
" 12, 1919..	Murray Sons Ltd.....	"	Lease of rooms Nos. 300 to 310 inclusive in "White Office Building" or "Clyde Block," Hamilton, Ont.	Voc. Branch Invalided Soldiers Commission.	1 year from Aug. 1, 1919.	$213 per m.
" 13, 1919..	G.W.V. Association.....	"	Lease of 150 sq. ft. in "Napanee Building," Fernie, B.C.	Information Br.S.C.R..	From month to month from June 2, 1919.	$10 per month (monthly tenancy).
" 15, 1919..	McPherson & Fullerton....	"	Lease of room No. 517 on 5th floor of "Central Building," Victoria, B.C.	Industrial Training Inspector.	From month to month from Aug. 15, 1919.	$20 per month (monthly tenancy).
" 15, 1919..	The Soo Dredging & Cons. Co., Ltd.	"	Agreement to furnish floating plant, etc., for cleaning of waterway in front of city of Sault Ste. Marie, Ont.	.....	.....	$125 per day including towing on and off the works.
" 16, 1919.	Wm. B. Burgoyne.....	"	Lease of 2nd floor rear section of building No. 17-21 Queen st., St. Catharines, Ont.	Voc. Branch, S.C. Re-Est.	1 year from date of occupation.	$1,200 per ann. (renewable).
" 18, 1919.	Dominion Bank.....	"	Lease of one large office, 4 private offices and one vault on 2nd floor of "Dominion Building," Moosejaw, Sask.	Insp. of Taxation.....	2 years from Aug. 18, 1919.	$1,200 per ann.
" 18, 1919..	Pemberton & Son.....	"	Lease of room No. 311 in "Pemberton Block," Victoria, B.C.	S.S. Board.....	From month to month from July 15, 1919.	$25 per month (monthly tenancy).

"	19, 1919..	Arch. Galbraith.....	"	....	Lease of 2,640 sq. ft. in building on south half of lot 8, block 49, Haileybury, Ont., and 738 sq. ft. in same building.	Dom. Lands Office, Int. Dept. " "	From Nov. 17, 1919 to Nov. 17, 1920. From Aug. 1, 1919 to Nov. 17, 1920.	$120 per m., $40 per month.
"	23, 1919..	Miles Williams Estate.....	"	....	Lease of house No. 451, Sherbrooke st. west, Montreal, Que.	Nurses' Home, S.C.R...	2 years and 3 months from Aug. 1, 1919.	$2,000 per ann. (renewable).
"	26, 1919..	Maryland Investment Co., Ltd.	"	....	Lease of Fort Garry Horse Armoury, No. 26 Maryland st., Winnipeg, Man.	Voc. Br. S.C. Re-Est...	2 years from Mar. 10, 1919.	$350 per m.
"	26, 1919..	The Board of Governors Bishop Pinkham College	"	....	Lease of "Troperty Block 2," Calgary, Alta.	Mil. Hosp. by Inv. S. Comm.	3 years from Dec. 9, 1919.	$3,000 per ann. (renewable).
"	26, 1919..	Enderton Investment Co., Ltd.	"	....	Lease of rooms Nos. 211 and 213 on 2nd floor of "Enderton Building," Winnipeg, Man.	S.S. Board.....	1 year from Aug. 1, 1919.	$660 per ann.
"	28, 1919..	H. T. Warne.....	"	....	Lease of two rooms on 2nd floor of building, Digby, N.S.	Insp. of Fisheries, Naval Service Dept.	1 year from Nov. 1, 1919.	$120 per ann.
"	", 1919..	Cossit & Lloyd.....	"	....	Lease of office on ground floor of building No. 235 Barnard ave., Vernon, B.C.	Govt. purposes.....	Monthly tenancy.	$17.50 per m.
Sept.	1, 1919..	F. S. Collacott.....	"	....	Lease of one large and two small offices and vault accommodation on 2nd floor of building, Broadway, Yorkton, Sask.	Insp. of Taxation.....	1 year from date of occupation.	$720 per ann.
"	1, 1919..	J. D. Creaghan Co., Ltd..	"	....	Lease of 900 sq. ft. on 2nd floor of "Creaghan Block," Moncton, N.B.	Labour Dept.....	2 years from Sept. 1, 1919.	$480 per ann. (renewable).
"	2, 1919..	Alexander McDonald.....	"	....	Lease of three rooms in brick building cor. Ward and Baker sts., Nelson, B.C.	S.S. Board.....	1 year from July 1, 1919.	$38 per month.
"	3, 1919..	The Grand Trunk Railway Co. of Canada.	"	....	Lease of certain portion of station building, Hamilton, Ont.	Storing, etc. for Post Office Dept.	5 years from Sept. 1, 1919.	$80 per annum.
"	6, 1919..	The Royal Trust Co., Limited.	"	....	Lease of "Ammunition Factory," cor. of Esplanade ave. and Lannes st., Mile End (Montreal), Que.	Soldiers' Civil Re-Est. Dept.	2 years from Sept. 6, 1919.	$20,000 per an. (renewable).
"	8, 1919..	Dr. Thomas Henry Blow.	"	....	Lease of 5,974 sq. ft. on ground floor and 6,715 sq. ft. on 1st and 2nd floors and 900 sq. ft. of ground floor with portion of basement in building, Calgary, Alta.	Dom. Lands Office.....	2 years from Sept. 1, 1919.	$11,235.65 per annum.
"	8, 1919..	The Post Publishing Co., Ltd.	"	....	Lease of rooms 4a and 3 in "Post Building," Dorchester st., Sydney, N.S.	Insp. of Fisheries.....	1 year from Oct. 1, 1919.	$360 per ann.
"	9, 1919..	Fredrick Stafford.....	"	....	Lease of two rooms on 2nd floor of "Stafford Block," cor. of Durham and Larch sts., Sudbury, Ont.	Dental Clinic (M. & D.)	6 months from July 1, 1919.	$25 per month.
"	9, 1919..	Wilson Bros.....	"	....	Lease of 2,750 sq. ft. on ground floor and 1,200 sq. ft. in basement of building, nw. cor. of 3rd ave. and 22nd st., Saskatoon, Sask.	Dom. Lands Office.....	1 year from Oct. 1, 1919.	$200 per m.
"	10, 1919	Francis Lovett Carter Cotton.	"	....	Lease of ground floor of "Old News Advertiser Building," cor. Pender and Hamilton sts., Vancouver, B.C.	Dept. of S.C.R.....	2 years from Aug. 1, 1919.	$300 per m. (renewable).

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Sept. 12, 1919..	Dorchester Realties Ltd..	His Majesty....	Lease of 3,834 sq. ft. on ground floor of "Shaughnessy Building," cor. McGill and St. Paul sts., Montreal, Que.	Insp. of Taxation.....	20 months from Sept. 1,1919.	$333.33 per month until May 1, 1920 and $500 per month thereafter until end of term.
" 12, 1919....	The Royal Bank of Canada.	"	Lease of rooms Nos. 214 and 215 on 2nd floor of "Royal Bank Building," London, Ont.	S.C.R. Dept.....	1 year from Aug. 15, 1919.	$564 per an.
" 13, 1919....	Harry A. Knight.....	"	Lease of lots 1 to 8 incl. in block 195, Regina, Sask.	Ordnance Stores (M. & D.).	1 year from Oct. 1, 1919.	$2,780 per ann.
" 13, 1919....	His Majesty.....	Emile Paturel..	Lease of two areas on ballast wharf, Pointe du Chene, N.B.	Private enterprise.....	10 years from date of occupation.	$75 per annum.
" 13, 1919....	William Albert Dayton...	His Majesty....	Lease of one large front room on 2nd floor of building on lot No. 938, south side of Main st., Picton, Ont.	Weights and Meas. (T. & C.).	3 years from Sept. 1, 1919.	$72 per annum.
" 15, 1919....	Allen Mfg. Co. Ltd.....	"	Lease of part of basement in "Allens' Building," cor. Pearl and Simcoe streets, Toronto, Ont.	S. C. R. Dept.....	From date of occupation to Dec. 1, 1923.	$650.00 per an.
" 18, 1919....	James E. Roy.....	"	Lease of rooms Nos. 232 to 235 incl., on 2nd floor of "Roy" building, No. 435 Barrington street, Halifax, N.S.	S. S. Board.....	1 year from date of occupation.	$2,009.75 per annum.
" 18, 1919....	The Kilbourne Real Estate Co. Ltd.	"	Lease of portion of three story brick block, on lot No. 6, west side of Poulette street, Owen Sound, Ont.....	S. C. R. Dept.....	1 year from date of occupation.	$240.00 per an.
" 20, 1919....	Samuel Edw. Rand.....	"	Lease of half of garage, Nos 230 and 232, 6th Ave. West, Calgary, Alta.	S. C. R .Dept.....	1 year from Sept 1, 1919.	$185.00 per month.
" 22, 1919....	McKinley & Northwood..	"	Lease of whole of building No. 52 and 54, Rideau street, Ottawa, Ont.	Board of Pension Commissioners for Canada	1 year from Mar. 3, 1919.	$5,677.00 per annum (renewable)
" 29, 1919....	The Eastern Trust Co....	"	Lease of five offices on 2nd floor of building No. 52 Bedford Row, Halifax, N.S.	Laboratory for analyst (T. & C.).	3years from date of occupation.	$1,350.00 per annum.
" 30, 1919....	Empire Realty Co.....	"	Lease of premises Nos. 851 and 853 Fisquard street, Victoria, B.C.	S. C. R. Dept.....	1 year from Aug. 1, 1919.	$50.00 per mo.
Oct. 1, 1919....	His Majesty.....	The Protestant Orphans' Home.	Lease of all these lots, pieces and parcels of land known as "Martello Hotel property," St. John, N.B.	Additional quarters for Home.	5 years from date of occupation.	$300.00 per an.
" 6, 1919....	"	Corporation of City of Three Rivers.	Lease of parcel of land (lot 2174) Three Rivers Que.	Public park and Place d'Armes.	10 years from ensealing of presents.	$1.00 per an.

" 10, 1919....	Clara Jane Swales.....	His Majesty....	Lease of ground floor with cellar accommodation and rear entrance of building on s.w. cor. of Kinrade Ave. and Barton st., Hamilton, Ont.	Postal Station "B".....	1 year from Nov 1, 1919.	$1,200.00 per annum.
" 10, 1919....	C. & J. McLeod.....	"	Lease of five rooms and one bath-room in "McLeod Block," Charlotte street, Sydney N.S.	Medical Br. "B" Unit, S. C. Re-Est.	2 years from Sept 15, 1919.	$600.00 per an.
" 11, 1919....	Mrs. Loretta Ann Osment.	"	Lease of whole of 2nd floor of two-story brick building on Main street and 650 sq. ft. on 1st floor of adjoining building, Indian Head, Sask.	Forestry Br., Interior Dept.	7 months from Sept. 1, 1919.	$43.00 per mo.
" 14, 1919....	Andrew McMillan and William Costain.	"	Lease of ground floor of three-story brick building west side of Main street, with part of basement and right-of-way over land in rear, Toronto, Ont.	Postal Station "H".....	1 year from Oct. 1, 1919.	$85.00 per mo.
" 14, 1919....	The Trusts & Guarantee Co., Ltd.	"	Lease of store No. 608 on 2nd street east, Calgary, Alta.	Orthopædic Br. S.C.R..	2 years from Sept. 16, 1919.	$720.00 per an.
" 15, 1919....	Montreal Trust Co.....	"	Lease of 2,040 sq. ft. of "Hesslein Bldg," No. 121 Hollis street, Halifax, N.S..	Fisheries Br., Naval Service.	1 year from date of occupation.	$1,226.40 per annum.
" 16, 1919....	Barries, Limited.....	"	Lease of rooms Nos. 201. 206, 208 and 210 in "Barrie" Building, No. 310-314 George st., Peterboro, Ont.	Voc. Br. S.C.R.....	1 year from Sept. 15, 1919.	$960.00 per an. (renewable).
" 17, 1919....	The Drummond Street Landholders, Ltd.	....	Lease of emplacement fronting on Drummond st., with right-of-way in lane in rear of building, Montreal, Que.	S. C. R. Dept.....	5 years from Jan. 1, 1919.	$12,759.00 per annum.
" 21, 1919....	L. E. Prowse.....	"	Lease of three rooms on 1st floor of "Prowse block," Grafton st., Charlottetown, P.E.I.	Supt. of Dom. buildings	1 year from May 1, 1919.	$150.00 per an.
" 21, 1919....	C. W. Lindsay Limited...	"	Lease of rooms Nos. 22 and 23 on 3rd floor of "Lindsay" bldg., Nos. 201 203 St. John st., Quebec, Que.	S. S. Board.....	1 year from date of occupation.	$564.00 per an. (renewable)
" 21, 1919....	Kenneth A. McLeod.....	"	Lease of rooms 414, 415, 416 and 417 in "McLeod block," Edmonton, Alta.	S. S. Board.....	1 year from date of occupation.	$1,380.00 per annum (renewable).
" 22, 1919....	Pemberton & Son.....	"	Lease of rooms Nos. 324 and 325 in "Pemberton building," Victoria, B.C.	S.S. Board.....	From month to month from Oct. 22, 1919.	$25.00 per mo.
" 24, 1919....	F. S. Collacott.....	"	Lease of rooms Nos. 3 and 4 on 1st floor of "Collacott block," Yorkton, Sask..	Dental Clinic (M. & D.)	5 months from Aug. 1, 1919, and thereafter from month to month.	$30.00 per mo.
" 27, 1919....	Edward C. Wright.....	"	Lease of five offices in two-story building, Haileybury, Ont.	Voc. Br., S.C.R.....	1 year from date of occupation, and thereafter for 6 months periods.	$40.00 per mo.
" 27, 1919....	Notre Dame Investment Co. Ltd.	"	Lease of room No. 306 in "Notre Dame Investment building," Notre Dame Ave. West, Winnipeg, Man.	Asst. Dir. S.C.R.....	1 year from date of occupation.	$576.00 per annum.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Oct. 28, 1919....	The Royal Bank of Canada.	His Majesty....	Lease of rooms Nos. 302 and 303 on 3rd floor of "Royal Bank building," London, Ont.	Medical treatment for returned soldiers	9½ mos. from Nov. 1, 1919.	$42.50 per mo.
" 31, 1919....	Hector Grothe.....	"	Lease of first floor of stone encased building, No. 1918A St. Denis st., Montreal, Que.	Postal Station (St. Denis Ward).	3 years from date of occupation.	$1,200.00 per annum (renewable).
" 31, 1919....	The Merchants Bank of Canada.	"	Lease of 700 sq. ft. on 2nd floor of "Merchants Bank building," Kingston, Ont.	S.C.R. Dept.....	2 years from Sept. 1, 1919.	$350.00 per an.
" 31, 1919....	Mercantile Trust Co. of Canada Ltd.	"	Lease of ground floor store, No. 115 John st. south, Hamilton, Ont.	Insp. of Weights and Measures.	2 years from June 1, 1919.	$489.00 per an.
Nov. 1, 1919....	T. McAvity & Sons, Ltd.	"	Lease of wood frame building on Government Island (rear of Exhibition buildings), St John, N.B.	Militia and Defence.....	From month to month from April 15, 1919.	$35.00 per mo. (monthly tenancy).
" 1, 1919....	Frederick A. Blain.....	"	Lease of rooms Nos. 309 and 310 on 3rd floor of "Connaught block," 3rd Ave. south, Saskatoon, Sask.	S. S. Board.....	From date of occupation to June 30th, 1921.	$489.00 per an.
" 6, 1919....	P. McCool.....	"	Lease of whole of frame building, cor. Yonge and Birch sts., Chapleau, Ont.	Post office.....	5 years from date of occupation.	$600.00 per an.
" 10, 1919....	The Bank of Nova Scotia.	"	Lease of premises on ground floor of Bank building, 1st Ave. and 10th st., Prince Albert, Sask.	S. S. Board.....	1 year from date of occupation.	$175.00 per mo
" 18, 1919....	A. J. C. McDermott.....	"	Lease of three-story building corner Langley and Broughton sts., Victoria, B.C.	Examining warehouse..	From Jan. 1, 1920 to Jan. 1, 1921.	$300.00 per mo
" 20, 1919....	Mrs. Elizabeth Rogers....	"	Lease of rooms Nos. 430 to 436 inclusive, in "Rogers Building," Vancouver, B.C.	S. S. Board.....	2 years from Nov. 1, 1919.	$130.00 per month.
" 21, 1919....	Dunlop Tire and Rubber Goods Co. Ltd.	"	Lease of two-story brick, building Nos. 306, 308 and 310 Sparks st., Ottawa, Ont., and garage annex on 309 Queen st., Ottawa, Ont.	Militia and Defence.....	1 year from Oct. 1, 1919.....	$5,100.00 per annum.
" 24, 1919....	Frederick Austin Blain..	"	Lease of rooms Nos. 301 to 308 inclusive, in "Connaught Block," Saskatoon, Sask.	S. S. Board.....	2 yrs. from date of occupation.	$3,120.00 per annum.
" 24, 1919....	James Edward Hanna.....	"	Lease of four-story brick building ("Regal Building"), NE. corner of O'Connor and Queen sts., Ottawa, Ont.	Labour Dept.....	5 years from Sept. 12, 1919.	$16,500.00 per annum.
" 24, 1919....	Mrs. Ellen A. Montreuil (widow).	"	Lease of two and one-half story frame building, No. 16, London st. East, Windsor, Ont.	Voc. Branch, S.C.R....	2 years from Dec. 1, 1919.	$1,500.00 per annum.
" 24, 1919....	The Imperial Canadian Trust Company.	"	Lease of suites Nos. 512 and 513 of building cor. 21st and 1st ave., Saskatoon, Sask.	Supt. of Ry. Mail Service and staff.	1 year from Nov 1, 1919.	$1,161.00 per annum.
" 26, 1919....	Jas. Art. Thomson and Melville Patrick Thomson.	"	Lease of "Old Thomson Printing Block," rear of lots Nos. 7, 8 and 9, Block H, D.L. 541, Vancouver, B.C.	Voc. Branch, S.C.R....	1 year from date of occupation.	$150.00 per m. (renewable)
" 26, 1919....	Hoffmeister Bros. Ltd....	"	Lease of brick and mill constructed garage building, No. 1155 Pender st. West, Vancouver, B.C.	Voc. Branch, S.C.R....	2 yrs. from date of occupation.	$375.00 per m. (renewable).

"	27, 1919....	Quebec Ry., Light, Heat and Power Co. Limited.	"	....	Lease of private Office and waiting room No. 401on 4th floor of "Merger Building," Quebec, Que.	Recruiting office for Mil District No. 5.	From date of occupation to May 1, 1920.	$20.70 per mo.
Dec.	2, 1919....	Alexander Leonard Sawle.	"	....	Lease of north store in "Oliver Block," Athabaska, Alta.	Post office.....	2 years from date of occupation.	$15.00 per mo.
"	, 1919....	Notre Dame Investment Co., Ltd.	"	....	Lease of whole of 2nd floor in "Notre Dame Investment Building," Notre Dame ave. East, Winnipeg, Man.	Asst. Dir. of S.C.R.....	2 yrs. from date of occupation.	$6,000.00 per annum. (Renewable.)
"	3, 1919....	Notre Dame Investment Co. Ltd.	"	....	Lease of rooms Nos. 601, 602, 603 and 604 in "Notre Dame Investment Building," Notre Dame ave. East, Winnipeg, Man.	S.C.R. Dept.....	1 year from date of occupation.	$1,080.00 per annum. (Renewable.)
"	4, 1919....	James Stuart Mackie.....	"	—..	Lease of offices Nos. 610, 611, 612 and 613 on 6th floor of "Lancaster Building," Calgary, Alta.	Grain Insp. (T. & C.)...	From Sept. 1, 1919, to May 1 1922.	$1,116.25 per annum.
"	4, 1919....	R. Keltie Jones and The Eastern Trust Company	"	....	Lease of building known as "Caverhill Hall" on NE. corner of Sydney and Mecklemberg sts., St. John, N.B.	Headquarters, Military District No. 7 (M.& D.).	1 year from Jan. 2, 1920.	$1,000.00 per annum.
"	5, 1919....	J. B. Duford.....	"	—..	Lease of 1st and 2nd floors of building, No. 113. Rideau st., Ottawa, Ont.	Canada Food Board....	6 months from Jan. 2, 1920.	$7,225.00 per annum.
"	6, 1919....	Thomas Culbert.....	"	....	Lease of portion of "Culbert Block," corner St. Lawrence and Wellington sts., Merrickville, Ont.	Post office.....	1 year from Jan. 1, 1920.	$200.00 per an.
"	6, 1919....	John A. Reche.....	"	....	Lease of 2nd floor of building NE. corner of John and Main sts., Hamilton, Ont.	Inspector of Gas and Electricity.	2 years from May 14, 1919.	$720.00 per an. (Renewable.)
"	6, 1919....	Dominion Life Assurance Co.	"	....	Lease of rooms Nos. 501 and Nos. 510 to 515, inclusive, in "Westman Chambers," Rose st., Regina, Sask.	S. S. Board.....	2 yrs. from date of occupation.	$146.00 per m.
"	8, 1919....	Mrs. Elizabeth Rogers....	"	....	Lease of rooms 526 to 536, inclusive, in "Rogers Building," Granville st., Vancouver, B.C.	S. S. Board.....	2 years from Aug. 1, 1919.	$210.00 per m.
"	10, 1919....	His Majesty.....	Nagle & Wigmore.		Rental of tug "Lisgar".....	.....	From day tug is taken over at Pictou, N.S., and until returned at Pictou, N.S., not later than May 1, 1920.	$35.00 per day
"	10, 1919....	Thomas E. Spencer.....	His Majesty....		Lease of frame house corner of Dufferin and McDonald sts., Wetaskiwin, Alta.	Nurses' Home, S.C.R. Dept.	1 year from Dec. 1, 1919.	$600.00 per an. (Renewable.)
"	11, 1919....	Canadian Bank of Commerce.	"	....	Lease of rooms Nos. 2 and 3 in "Canadian Bank of Commerce Building," with use of room in basement also use of court in rear of building, Revelstoke, B.C.	"Fire Chief" Ranger....	1 year from Dec. 16, 1919.	$40.00 per mo.
"	11, 1919....	Wm. Alex. Mitchell.....	"	....	Lease of premises on 2nd floor of building Nos. 69 and 71 King st. west, Toronto, Ont.	Med. Officer, Voc. Br. S.C.R.	1 year from Dec. 11, 1919.	$1,500 per ann. (renewable).
"	13, 1919....	The Imperial Canadian Trust Co.	"	....	Lease of suite No. 713 in "Canada Building", Saskatoon, Sask.	Inland Revenue Officer.	1 year from Jan. 1, 1920.	$300 per ann.
"	15, 1919....	Dr. Thomas H. Blow.....	"	....	Lease of storeroom known as No. 515 on 8th ave. west, Calgary, Alta.	S.C. Re-Est.....	12 months from date of occupation.	$50 per month.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Dec. 16, 1919..	Canadian Pacific Railway Co.	His Majesty....	Lease of space 20 ft. by 18 ft. on ground floor of Railway Station, Saskatoon, Sask.	Post Office Dept.....	1 year from Dec. 1, 1919.	$540 per ann.
" 22, 1919..	Notre Dame Investment Co., Ltd.	"	Lease of rooms Nos. 408 and 409 in "Notre Dame Investment Building" on Notre Dame ave. west, Winnipeg, Man.	S.C. Re-Est.....	1 year from Aug. 1, 1919.	$660 per ann. (renewable).
" 22, 1919..	Wm. Alfred Baner.....	"	Lease of room No. 508 in "Pacific Building", Vancouver, B.C.	Topographical Survey, (Mines Dept.).	From Dec. 31, 1919 to June 25, 1920.	$25 per month.
" 22, 1919..	Sarah A. Batson.....	"	Lease of one room 13 ft. by 23 ft. in building, Campobello, N.B.	Insp. of Fisheries (Naval Service Dept.)	1 year from Dec. 31, 1919.	$120 per ann.
" 23, 1919..	W. Homfray.....	"	Lease of barn, closed shed, etc., Kamloops, B.C.	Dist. Insp. Forest Reserve (Int. Dept.).	5 years from date of occupation.	$180 per ann.
" 29, 1919..	H. H. Williams & Company.	"	Lease of 1st and 2nd floors of building No. 1 College st., Toronto, Ont.	Voc. Branch, S.C.R.....	1 year from Nov. 1, 1919.	$55 per month.
Jan. 1, 1920..	J. A. Hallier & The Royal Trust Co.	"	Lease of whole of 1st floor and rooms Nos. 15, 16, 17 and 18 on 2nd floor of "Mortlake Block", Edmonton, Alta.	Post Office Dept.....	3 years from Jan. 1, 1920.	$325 per m.
" 2, 1920..	James H. Thompson.....	"	Lease of 1,250 sq. ft. on ground floor of building fronting on 2nd ave., Prince Rupert, B.C.	Customs Examining Warehouse.	From Dec. 1, 1919 to Oct. 1, 1920.	$600 per ann.
" 7, 1920..	The Hope Realty Ltd.....	"	Lease of 3rd floor of "Hope Building", cor. Sparks and Elgin sts., Ottawa, Ont.	Ry. Mail Service (Post Office Dept.).	2 years from Jan. 29, 1920.	$2,500 per ann.
" 7, 1919..	London and British North America Company, Ltd.	"	Lease of 7th floor of "London Building", No. 626 Pender st., Vancouver, B.C.	Insp. of Taxation.....	3 years from date of occupation.	$4,200 per ann.
" 8, 1920..	R. J. MacKenzie.....	"	Lease of "Deer Lodge Hotel" with outbuildings, etc., Winnipeg, Man.	Mil. Hosp. (M. & D.)...	From Dec. 1, 1919 to May 1, 1921.	$1 for full term
" 8, 1920..	Clara McCool.....	"	Lease of 1,100 sq. ft. on main floor of premises No. 47 King st. west, Toronto, Ont.	Militia and Defence.....	3 months from Dec. 23, 1919.	$135 per m.
" 10, 1920..	Bawlf Securities Ltd.....	"	Lease of offices on 3rd floor, small storeroom and additional storeroom on 3rd floor of "Chambers of Commerce Building", Winnipeg, Man.	Interior Dept.....	1 year from Dec. 1, 1919.	$160 per m.
" 12, 1920..	The Eastern Trust Co....	"	Lease of one room on 3rd floor of stone building, cor. Hollis and Prince sts., Halifax, N.S.	Tax Officer (Fin. Dept.)	Oct. 1, 1919 to May 1, 1920.	$16.87 per m.
" 12, 1920..	The Eastern Trust Co....	"	Lease of office on 3rd floor of stone building, cor. Hollis and Prince sts., Halifax, N.S.	Commissioner of Taxation.	7 months from Oct. 1, 1919.	$10 per m.

"	12,	1920..	George A. Cameron.....	"	....	Lease of ground floor of two-story brick building, No. 66 Charlotte st., St. John, N.B.	Garage for S.C.R.....	2 years from Sept. 7, 1919.	$55 per month.
"	14,	1920..	Sun Life Assurance Co. of Canada.	"	....	Lease of additional part of ground floor of "Sun Life Building", Sherbrooke, Que.	S.S. Board.....	1 year from May 1, 1920.	$20 per month.
"	14,	1920..	Notre Dame Investment Co., Ltd.	"	....	Lease of offices bearing Nos. 705 to 710 incl. in "Notre Dame Investment Building", Notre Dame ave. east, Winnipeg, Man.	Dist. Engr. Pub. Works and staff.	1 year from Jan. 1, 1920.	$2,000 per ann.
"	14,	1920..	The Tribune Publishing Co., Ltd.	"	....	Lease of room No. 410 on 4th floor of building n.e. cor. of Graham ave. and Smith st., Winnipeg, Man.	Dir. of Publicity and Information Bureau.	1 year from Jan. 6, 1920.	$1,200 per ann.
"	15,	1920..	Kenneth A. McLeod.....	"	....	Lease of rooms Nos. 611, 612 and 613 on 6th floor of "McLeod Building", Edmonton, Alta.	Med. Br. S.C.R. Dept..	1 year from Aug. 1, 1919.	$100 per m.
"	15,	1920..	L. V. Kerr.....	"	....	Lease of rooms Nos. 105 and 106, 106½ and 109 on 1st floor of "Kerr Building", Regina, Sask.	Dental Offices for C.A.D.C.	From Jan. 15, 1920 to July 15, 1920.	$130 per m.
"	16,	1920..	Capt. R. A. Casson.....	"	....	Lease of five offices on 2nd floor of building on Inglis st., Truro, N.S.	Dental Clinic S.C.R....	From month to month from Jan. 1, 1920.	$20 per month. (monthly tenancy).
"	20,	1920..	The Great War Veterans' Association.	"	....	Lease of 4,230 sq. ft. on 3rd floor of "Veterans' Block", Regina, Sask.	S.C.R. Dept.....	2 years from Mar. 1, 1920.	$5,220 per ann.
						Lease of 624 sq. ft. on 4th floor of "Veterans' Block", Regina, Sask.	"	From month to month from date of occupation.	$65 per month (monthly tenancy).
"	23,	1920..	Jarvis Verner McLelland..	"	....	Lease of one room on 3rd floor of "Stockton Building", No. 94, Prince William st., St. John, N.B.	"	From date of occupation to May 1, 1921.	$175 per ann.
"	26,	1920..	Mrs. Eva Carling.....	"	....	Lease of 2nd, 3rd, 4th, 5th, 6th and 7th floors of "Carling Building", Ottawa, Ont.	Interior Dept.....	3 years from Feb. 22, 1920.	$15,000 per ann. (renewable).
"	27,	1920..	James Stuart Mackie.....	"	....	Lease of suite of rooms Nos. 207 and 208 in "Lancaster Building", Calgary, Alta.	S.C.R. Dept.....	1 year from Nov. 19, 1919.	$1,500 per ann.
"	27,	1920..	James Stuart Mackie.....	"	....	Lease of rooms Nos. 900 (with fireproof vault), 901, 902 and 906, on 9th floor of "Lancaster Building", Vancouver, B.C.	Post Office Insp.....	2 years from date of occupation.	$3,840 per ann.
".	28,	1920..	London & British North America Co, Limited.	"	....	Lease of 1,243 sq. ft. and vault on 8th floor of "London Building", Vancouver, B.C.	Supt. of Dredges.....	2 years from Feb. 1, 1920.	$110 per m.
"	.....		Grand Trunk Ry. of Canada.	"	....	Lease of Company's building in station yard, Montreal, Que.	Shelter or rest room for P. Off. employees.	5 years from Sept. 1, 1919.	$144 per ann.
"	29,	1920..	McDougal's Limited.....	"	....	Lease of 6,218 sq. ft. on 2nd and 3rd floors of "Sussex Building", Ottawa, Ont.	Air Board (M. & D.)....	3 years from date of occupation.	$3,730.80 per annum.
"	30,	1920..	The Montreal Trust Company.	"	....	Lease of two offices on 1st floor of "Hesslein Building", No. 121 Hollis st., Halifax, N.S.	Gas and Electricity Inspector.	1 year from Nov. 1, 1919.	$600 per ann. (renewable).
"	30,	1920..	Horace Hazzard.....	"	....	Lease of one room in "Cameron Block", Richmond st., Charlottetown, P.E.I.	Insp. of Dredges.....	1 year from Oct. 23, 1919.	$150 per ann.
Feb.	2,	1920..	The Royal Bank of Canada.	"	....	Lease of room No. 304 on 3rd floor of "Royal Bank of Canada Building", London, Ont.	Medical treatment for returned soldiers.	9½ months from Nov. 1, 1919.	$275 or te m.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Feb. 2, 1920..	The Dominion Savings & Investment Society.	His Majesty....	Lease of rooms Nos. 305 and 306 on 3rd floor of "Dominion Savings & Investment Society Building", London, Ont.	S.S. Board.....	1 year from June 2, 1919.	$50 per month.
" 2, 1920..	Henry W. Angus.....	"	Lease of space on ground floor and storage space in basement of "Angus Block", North Bay, Ont.	Ontario Hydrometric Survey (Int. Dept.).	1 year from Jan. 1, 1920.	$40 per month.
" 2, 1920..	Paul D. Hendershot & Elihu Wigle.	"	Lease of 1st floor of brick building No. 30 Pitt st. east, Windsor, Ont.	S.C.R. Dept.....	From date of occupation to April 2, 1920.	$420 per ann.
" 2, 1920..	Union Bank of Canada....	"	Lease of two rooms in rear of building, Truro, N.S.	Storing despatching mail (P. Off. Dept.).	1 year from date of occupation.	$20 per month.
" 2, 1920..	Kamloops Building Syndicate.	"	Lease of room No. 10 in "Acadia Building", Kamloops, B.C.	Dist. Insp. Forest Reserve.	From Sept. 11, 1919.toJuly 15, 1920	$16 per month.
" 3, 1920..	Nova Print Limited.....	"	Lease of ground floor of three-story wood building No. 229 Hollis st., Halifax, N.S.	Weights and Measures. (T. & C.).	1 year from Jan. 7, 1920.	$840 per ann.
" 6, 1920..	A. E. Clarke.....	"	Lease of 2nd floor of "Clarke School of Mechanical Dentistry," No. 1406 Douglas st., Victoria, B.C.	S.C.R. Dept.....	From date of occupation to Nov. 1, 1920.	$50 per annum (renewable).
" 6, 1920..	The Royal Institution for the Advancement of Learning.	"	Lease of premises known as "Montreal College of Pharmacy", No. 163 Ontario st., Montreal, Que.	"	1 year from May 1, 1920.	$1,500 per ann.
" 6, 1920..	J. W. Morris, National Motors Co.	"	Lease of corrugated iron frame garage, No. 1017 Rockland ave., Victoria, B.C.	S.C.R. Motor Mechanics	18 months from Jan. 1, 1920.	$2,400 per ann. (renewable).
" 7, 1920..	A. Belanger Limited.....	"	Lease of building 40 ft. by 30 ft. near I.C.R. Station, Montmagny, Que.	Storing machines, tools, etc., P.W.D.	1 year from Nov. 1, 1919.	$50 per annum.
" 9, 1920..	George Bell.....	"	Lease of brick store No. 1019 Cork st., Victoria, B.C.	Storeroom in connection with "Craigdarrach" Hosp.	1 year from Jan. 1, 1920.	$20 per month.
9, 1920..	James Alec. Yager.....	"	Lease of 2,075 sq. ft. of building on lots Nos. 18 and 19, Block 55, Swift Current, Sask.	Post Office.....	1 year from Nov. 20, 1919.	$175 per m.
" 9, 1920..	Eastern Trust Co.....	"	Lease of three rooms on 3rd floor of stone building, cor. of Hollis and Prince William sts. Halifax, N.S.	Inspector of Taxation....	2 years from May 1, 1920.	$640 per ann.
" 10, 1920..	Whitmore Bros. Limited..	"	Lease of brick building, cor. of 12th Ave. and Hamilton st., Regina, Sask.	Headquarters for 12th Mil. Dist.	1 year from June 1, 1920.	$4,200 per ann.
" 11, 1920..	Seaforth Overseas Club...	"	Lease of three story, frame building on lots Nos. 16, 17, 18, 19 and 20, Block 29 D.L., 185, Vancouver, B.C.	Headquarters for Armoury of 12th Regt. Seaforth Highlanders.	3 years from date of occupation.	$125 per m.
" 11, 1920..	The Kilbourn Real Estate Co.	"	Lease of room No. 1 in building No. 908 2nd ave.,-Owen Sound, Ont.	Voc. offices for S.C.R....	1½ years from Sept. 23, 1919.	$180 per ann. (renewable).

"	13, 1920....	Alexander Macdonald.....	"	Lease of rooms Nos. 8 to 13 incl. in "K.W.C." Block, cor. of Ward and Baker sts., Nelson, B.C.	Trade and Commerce and P.W. Dept.	1 year from Apr. 1, 1920.	$480 per ann.
"	13, 1920....	Quebec Ry., Light, Heat and Power Company, Limited.	"	Lease of suite No. 408 in "Merger Building," Quebec, Que.	Information and Service Br. S.C.R..	1 year from Apr. 30, 1920.	$540 per ann.
"	14, 1920....	The Ottawa Electric Co..	His Majesty....	Lease of three ground floor offices in "Thistle Building," No. 26 Wellington st., Ottawa, Ont.	Trade and Commerce...	From month to month from Feb. 15, 1920.	$100 per m. (monthly tenancy.)
"	16, 1920....	His Majesty.....	Rimouski Fishing and Cold Storage Co., Ltd.	Lease of portion of wharf, Rimouski, Que...	Private enterprise.....	21 yrs.from date of occupation.	$25 per m.
"	16, 1920....	Quebec. Ry., Light, Heat and Power Co. Ltd.	His Majesty....	Lease of one large room on 5th floor of "Merger Building," Quebec, Que..	S.C.R. Dept.....	1 year from May 1, 1920.	$1,400 per an.
"	16, 1920....	Quebec Ry., Light, Heat and Power Co. Ltd.	"	Lease of 234 sq. ft. with exit on corridor leading to lavatory on 5th floor of " Merger building," Quebec Que.	Stenographers and typewriter, S.C.R. Dept.	1 year from May 1, 1920.	$270 per an.
"	1920....	His Majesty.....	Fraser, Brace & Co., Ltd.	Lease of area on wharf, Ste-Anne de Chicoutimi, Que.	Private enterprise.....	1 year from date of occupation.	$100 per an.
"	18, 1920....	Hoffmeister Bros. Ltd....	His Majesty....	Lease of premises N. 72 ft. of lot No. 16, Block 15, D.L. 185, Group I, in rear of Hoffmeister Building, Vancouver, B.C.	S.C.R. Dept.....	1 year from Jan. 1, 1920.	$300 per an. (Renewable.)
"	19, 1920....	W. D. McKay.....	"	Lease of store, No. 10862 White Ave., Edmonton South, Alta.	Commercial Class (S. C. R.).	From month to month from Jan. 15, 1920.	$35 per m. (monthly tenancy).
"	20, 1920....	Williamson Bros.....	"	Lease of ground floor, 1st floor and front offices on 2nd and 3rd floors, and use of three vaults in "Williamson Block," Edmonton, Alta.	S. S. Board.....	3 yrs. from date of occupation.	$16,000 per annum.
"	21, 1920....	Dominion Fish & Fruit Co., Ltd.	"	Lease of ground floor of "Dominion Building," St. Peter st., Quebec, Que.....	Postal Station "B".....	3 yrs. from May 1, 1920.	$4,500 p. ann.
"	23, 1920....	J.. L.. Hopwood and Wm. Hopwood, joint liquidators of Hopwoods, Ltd.	" ...	Lease of three rooms with front and rear entrance on ground floor and lavatory in basement of building No. 366 Water street, Peterborough, Ont.	Weights and Measures...	1 year from Jan. 1, 1920.	$300 per an.
"	23, 1920....	Arthur and M. P. Thomson.	"	Lease of rear portion of premises No. 316 Cordova st. West, Vancouver, B.C.	S. C. R. Dept.	From month to month from Jan. 10, 1920.	$50 per m.
"	23, 1920....	The Standard Bank of Canada.	"	Lease of one room on 1st floor of "Standard Bank Building," Beneville, Ont.	Food Inspector for District No. 10.	1 year from date of occupation.	$17.50 per m. (Renewable.)
"	23, 1920....	Alexandria Realty Co., Ltd.	"	Lease of 814 sq. ft. on main floor of "Alexandria Block," Emerson, Man...	Immigration and Colonization Dept.	3 yrs. from date of occupation.	$20 per m.
"	24, 1920....	The Board of Trade of Winnipeg.	"	Lease of portion of ground floor of "Board of Trade Building," corner of Water and Main sts., Winnipeg, Man.	S.C.R. Dept.....	From month to month from Jan. 31, 1920.	$100 per m. (monthly tenancy.)
"	26, 1920....	Quebec Ry., Light, Heat and Power Co., Ltd.	"	Lease of whole of 2nd floor of building No. 103 St. John St., Quebec, Que.	Archives Dept.	1 year from May 1, 1920.	$50 per m. (Renewable.)
"	27, 1920....	Edmund Wood Clark.....	"	Lease of dwelling house and premises No.12, west side of Emmett st. and south side of Lisgar st., Ottawa, Ont.	National Medical Museum (M. & D.).	1 year from Apr. 30, 1920.	$51.60 per m.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920—*Concluded*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Feb. 27, 1920....	Mde. Edgar Horace Cimon	His Majesty....	Lease of two rooms on ground floor of "Cimon Block," Riviere du Loup, Que.	S. C. R.....	From Jan. 8, '20 to Jan. 31, 1921 and thereafter from month to month.	$15 per m.
" 28, 1920....	John Best.....	"	Lease of store 20 ft. x 50 ft. in building north-west cor. of Johnston road and Elizabeth st., etc., Alberni, B.C.	Post office.....	3 years from April 1, 1920.	$180 per an.
Mar. 1, 1920....	The Bank of Toronto.....	"	Lease of room on upper floor with use of lavatory in Bank building, n.w. cor. of Queen st. and Logan ave., Toronto, Ont.	Gas and Electricity Inspection.	1 year from May 1, 1920.	$240 per an.
" 2, 1920....	Dame Edith Marion Shorey.	"	Lease of office on 2nd floor of civic No. 394, Victoria ave., Westmount, Que.	Gas inspection office.....	1 year from May 1, 1920.	$300 per an.
" 4, 1920....	Wm., John H. and G. W. Birks.	"	Lease of offices Nos. 629, 630 and 631 on 6th floor of "Birks Building," Vancouver, B.C.	Pacific clearing station..	1 year from Jan. 1, 1920.	$75 per m.
" 4, 1920....	Rosina Gintzburger.....	"	Lease of west half of ground floor of two-story building, No. 155 Cordova st. West, Vancouver, B.C.	S.C.R. Dept.....	6 months from date of occupation.	$1,212 per an. (Renewable.)
" 4, 1920....	United Securities Corporation.	"	Lease of rooms 1400, 1401 and 1402 on 14th floor of "Tower Building," Vancouver, B.C.	S.C.R. Dept.....	From month to month from Jan. 26, 1920.	$35 per m. (monthly tenancy).
" 4, 1920....	Thomas Beckenham and D. J. Riley.	"	Lease of one front room and two offices on 2nd floor, also 284 sq. ft. on 2nd floor of "Riley Building," Queen st., Charlottetown, P.E.I.	S. S. Board.....	1 year from Mar. 1, 1920.	$900 per an.
" 6, 1920....	Montreal Metropole Co., Ltd.	"	Lease of portion of second flat of three-story stone building, No. 15 St. James st., Montreal, Que.	Board of Commerce....	15 months from Feb. 1, 1920.	$42.50 per m.
" 8, 1920....	La Sauvegarde (Compagnie d'Assurance sur la vie).	"	Lease of premises on roof of "La Sauvegarde Building," Montreal, Que.	Signal service (Marine & Fisheries).....	1 year from May 1, 1920.	$400 per an.
" 9, 1920....	McCallum Hill Building, Ltd.	"	Lease of rooms Nos. 116 and 118 in building No. 1874 Scarth st., Regina, Sask.	Trade and Commerce...	1 year from Apr. 1, 1920.	$1,200 per an.
" 9, 1920....	T. T. Barnes.....	"	Lease of portion of 2nd floor of "Barnes Building," cor. of Gore and Queen streets, Sault Ste. Marie, Ont.	S. C. R. Dept.....	2 years from Oct 1, 1919.	$660 per an.
" 10, 1920....	Dorchester Realties Ltd..	"	Lease of 4,335 sq. ft. on 10th floor of "Shaughnessy Building," cor. McGill and St. Paul sts., Montreal, Que.	Income Tax Inspector...	3 yrs. from May 1, 1920.	$6,450 per an.

"	10, 1920....	United Securities Corporation.	"	....	Lease of rooms Nos. 1000, 1001 and 1002 on 14th floor of "Tower Building," Vancouver, B.C.	Engineering Br., S.C.R..	From month to month from date of occupation.	$510 per an.
"	10, 1920....	John Albert Short.....	"	....	Lease of one-story frame building, No. 220 Hampton st., Winnipeg, Man.	Militia and Defence.....	1 year from Dec. 1, 1919.	$40 per an. (Renewable.)
"	10, 1920....	George O. Hill.....	"	....	Lease of ground floor space in two-story frame building in rear of E. O. Hill's drug store, No. 303 Nairn ave., Winnipeg, Man.	Postal Station "F".....	1 year from date of occupation.	$30 per m.
"	10, 1920....	United Securities Corporation.	"	....	Lease of rooms Nos. 1300, 1301, 1302 and 1303 in "Tower Building," Vancouver, B.C.	Dental Br., S.C.R.....	From month to month from Jan. 10, 1920.	$70 per m. (monthly tenancy).
"	11, 1920....	Mrs. Odile Lavoie.....	"	....	Lease of premises No. 116 Letourneux street, Maisonneuve, Que.	Postal Station "M".....	1 year from May 1, 1920.	$600 per an.
"	13, 1920....	W. J. Wall.....	"	....	Lease of brick and cement garage, Nos. 142 and 144 Bleury st., Montreal, Que.	Militia and Defence.....	1 year from May 1, 1920.	$3,000 per an. (Renewable.)
"	16, 1920....	Imperial Canadian Trust Co.	"	....	Lease of rooms Nos. 401 and 402 in "Canada Building," Saskatoon, Sask.	Asst. Inspector of Taxation.	1 year from Apr. 1, 1920	$1,197 per an.
"	16, 1920....	B.C. Land and Investment Agency Ltd.	"	....	Lease of suites "A" and "B" in Law Chambers, No. 531 Barton st., Victoria, B.C.	Information and Service Branch, S.C.R.	From month to month from date of occupation.	$45 per m. (monthly tenancy.)
"	17, 1920....	Sun Life Assurance Co....	"	....	Lease of room No. 9 on 2nd floor of "Sun Life Building," Sherbrooke, Que.	S. S. Board.....	1 year from May 1, 1920.	$240 per an.
"	18, 1920....	The Ottawa Wine Vault Co. Ltd.	"	....	Lease of premises Nos. 35 and 37 George st., Ottawa. Ont.	Militia and Defence.....	1 year from Apr. 18, 1920.	$8,130 per an. (Renewable.)
"	23, 1920....	Frank Jarman.....	"	....	Lease of first two flats and basement of premises Nos. 326 and 328 Queen st., Ottawa, Ont.	Patents Branch (T. & C.)	1 year from May 1, 1920.	$130per m.
"	24, 1920....	R. L. & R. Blackburn.....	"	....	Lease of 69,948 sq. ft. of "Union Bank Building," cor. Sparks and Metcalfe sts., Ottawa, Ont.	Several Depts. of Federal Government.	5 years from Jan. 1, 1920.	$69,755 per annum.
"	26, 1920....	Barries Limited.....	"	.....	Lease of room No. 113 on 2nd floor of "Barrie Building," George St., Peterborough, Ont..	S.C.R. Dept.....	1 year from Nov 21, 1919.	$250 per an.
"	29, 1920....	James Richardson & Sons, Ltd.	"	....	Lease of "Mill Building," King st. West, Kingston, Ont.	S.C.R. Dept.	23 months from Oct. 1, 1919.	$300 per m. (Renewable.)
"	30, 1920....	Halifax Relief Commiss'n	"	....	Lease of 1st and 2nd floors of "Relief Administration Building," Halifax, N.S.	Voc. Br. S.C.R.....	From month to month from Sept. 1, 1919.	$200 per m. (monthly tenancy).
"	30, 1920....	Alexander Building, Ltd...	"	....	Lease of 2nd floor of "Read Building," on Alexander st., Montreal, Que.	Ordnance and Barrack stores (M. & D.)	From May 1, 1920 to May 1, 1921.	$10,000 per an.
"	31, 1920....	The Post Publishing Co., Ltd.	"	....	Lease of room No. 5 in "Post Building," Dorchester st., Sydney, N.S.	Sub-Agent of Marine and Fisheries.	1 year from May 1, 1920.	$216 per an.

THE NATIONAL GALLERY OF CANADA

By Eric Brown, Director.

The premises of the National Gallery were once more occupied by the House of Commons until the opening of the 1920 session in February, when the Houses of Parliament vacated the Victoria Museum for the new buildings.

The trustees applied for an appropriation of $35.000 to be placed in the main Parliamentary estimates, but only $10,000 was voted, the sum allowing for nothing but the bare necessities of maintenance, permitting no acquisitions, and again preventing much absolutely necessary work of restoration and renovation from being carried out.

During the year, therefore, the principal activity of the National Gallery has again been the development of its loan exhibitions of works of art to art societies or public bodies possessing proper facilities for their free public exhibition. The following loan exhibitions were arranged in Canada and the United States:—

YEARLY LOANS.

St. John Art Club, St. John, N.B., 11 pictures.
Library and Art Union, Sherbrooke, P.Q., 23 pictures.
Public Library, Collingwood, Ont., 10 pictures.
Art Gallery of Hamilton, Hamilton, Ont., 21 pictures.
Dept. of Trade and Commerce, Ottawa, Ont., 12 pictures.
Public Library, Windsor, Ont., 11 pictures.
Public Library, Moosejaw, Sask., 18 pictures.
Regina College, Regina, Sask., 18 pictures.
Museum of Fine Arts, Winnipeg, Man., 19 pictures.
Public Library, Port Arthur, Ont., 22 pictures.
Public Library, Fort William, Ont., 20 pictures.
Dominion Archives, Ottawa, Ont., 11 pictures.

TEMPORARY EXHIBITIONS.

Art Association of Montreal, lithographs and colour prints.
Art Gallery of Toronto, 74 pictures.
Provincial Exhibition, New Westminster, B.C., 20 pictures.
Western Fair's Association, London, Ont., 6 pictures.
Carnegie Institute, Pittsburgh, Pa., 74 pictures.
City Art Museum, St. Louis, Missouri, 35 pictures.
Hackley Gallery, Muskegon, Mich., 35 pictures.
Institute of Arts, Minneapolis, Minn., 35 pictures.
Art Institute of Chicago, Chicago, Ill., 35 pictures.
Milwaukee Art Institute, Milwaukee, Wis., 35 pictures.

The National Gallery Travelling Scholarship was not awarded owing to the National Gallery appropriation containing no provision for it.

As soon as it became certain that the Houses of Parliament would shortly vacate the Victoria Museum, the trustees, in consideration of the fact that the National Gallery had entirely outgrown its premises before their occupation by the Houses of Parliament, and in view also of the fact that proper care of valuable works of art could not be exercised owing to the impossibility of controlling the heating, ventilation and cleanliness of the National Gallery so long as it was not separated from the rest of the building where no such control was exercised, the trustees made application to the Hon. Minister of Public Works for the whole of the east wing of the Museum with special entrance at the east end and fireproof separation from the rest of the building.

The trustees' application was granted and plans and specifications were prepared by the director and the chief architect for carrying out the work.

During the year the National Gallery was requested by the Canadian War Records Office to undertake the storage of the pictures and other works of art commissioned overseas and in Canada until such time as a special building would be provided for them, and a storage room was built for them in the National Gallery workshop.

The trustees met formally on one occasion and the following works of art were added to the National Gallery collection by gift or purchase:—

GIFTS.

1. Portrait of Sir George Drummond, First Chairman of the Advisory Arts Council, painted by Prince Troubetzkoi and presented by Mr. and Mrs. Huntley Drummond.
2. Three bookplates, two by Stanley Harrod, and one by H. H. Howard, R.C.A., presented by Sir Edmund Walker.
3. Pencil drawing of Professor Mavor, presented by the artist, Mr. F. S. Challener, R.C.A.
4. Etching, "The Wellington Shield," by Thomas Stothard, R.A., presented by Lady F. Borden, Ottawa.
5. Sixty-five war lithographs, presented by the Imperial War Museum.

PURCHASES.

1 Nine war poster lithographs—E. Spencer-Pryse.
- "The Madonna (Belgium)."
- "Belgium 1914" (The Widow).
- "Fugitives."
- "The Only Road for an Englishman."
- "Fugitives" (large panel).
- "Belgian Red Cross Cartoon."
- "Serbian Red Cross Cartoon."
- "The Wayside Cross."
- "Flight by Sea."

2. "Portrait"—Regina Seiden.

3. Seventeen colour prints—W. J. Phillips.
- "Dying Pines."
- "The Little Saskatchewan."
- "Sunset, Whitefish bay, Lake of the Woods."
- "The Lake."
- "Rosie."
- "Margaret."
- "After the Storm."

3. Seventeen colour prints—*Con.*
- "Winter in Winnipeg."
- "Winter."
- 'The Path of Gold."
- "The Waterfall."
- "Winnipeg River at Minaki."
- "Crow's Island, Lake of the Woods."
- "White Wilderness."
- "The Island."
- "Vilas Park, Madison."
- "Sunset, Lake of the Woods."

4. Etching—"Mary Olsson"—Zorn.

5. Drawings (2)—W. Raphael.
- "Habitant."
- "Snow Shoer."

6. Etchings (2) Mary Cassatt.
- "Femme vue de Face, Tenant un Enfant dans ses Bras."
- "Mere et enfant."

7. "Portrait of Artist"—Kreighoff.

DOMINION OF CANADA

ANNUAL REPORT

OF THE

DEPARTMENT OF RAILWAYS AND CANALS

For the Fiscal Year from April 1, 1919,
to March 31, 1920

Submitted in accordance with the provisions of the Revised Statutes of Canada 1916, Chapter 35, Section 33

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
THOMAS MULVEY
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1921

[No. 20—1921]

To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada

MAY IT PLEASE YOUR EXCELLENCY:

The undersigned has the honour to present to Your Excellency the Annual Report of the Department of Railways and Canals, of the Dominion of Canada, for the fiscal year ending March 31, 1920

J. D. REID,
Minister of Railways and Canals.

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REPORT

OF THE

DEPUTY MINISTER OF RAILWAYS AND CANALS

FOR THE YEAR ENDING MARCH 31, 1920.

To the Hon. J. D. Reid,

Minister of Railways and Canals.

Sir,—I have the honour to submit herewith the annual report of the Department of Railways and Canals for the fiscal year ending March 31, 1920.

As the fiscal year of the Canadian Northern Railway system is the calendar year, and the fiscal year of other Canadian Government lines does not end until March 31, the statements covering the operations of the Canadian National System for the year under review are obtained for purposes of comparison by combining the important features of the annual reports of the Canadian Northern and those of the officials of the original Government railways. Thus in all cases it should be borne in mind that Canadian Northern figures relate to the twelve months ending December 31, 1919, and figures and statements pertaining to the Intercolonial and Prince Edward Island Railway, the Transcontinental, and various branch lines have to do with the Government fiscal year ending March 31. As provided in chapter 13, 9-10 George V, the Canadian National Railway Act, 1919, this divergence in years is now a thing of the past and in future the fiscal year in respect of Canadian Government railways will correspond with that of the Canadian Northern, and the fiscal year of all Canadian National roads will end on December 31 in common with the business year of most private concerns.

OPERATING MILEAGES

The mileage of Canadian National Railways operated during the year was 13,945·97, made up as follows:—

Canadian Northern Railway system	9,685·7
Canadian Government Lines	4,260·27
Canadian National system	13,945·97

Of the Canadian Northern mileage, the company owns 9,183·1, including 126·2 miles of electric lines in Ontario; 155·3 miles are operated on joint running rights; 347·3 miles are leased, and 216·4 miles are located in the state of Minnesota.

The other Canadian Government mileage is computed as follows:—

Intercolonial Railway	1,563·81
Prince Edward Island Railway	276·29
National Transcontinental Railway	2,006·58
International Railway	105·73
Moncton and Buctouche Railway	29·93
Salisbury and Albert Railway	44·77
Elgin and Havelock Railway	26·11
St. Martin's Railway	28·73
York and Carleton Railway	6·25
St. John and Quebec Railway	172·07
	4,260·27

Included in the Transcontinental mileage is the Lake Superior Branch of the Grand Trunk Pacific, 196·69, which was leased by the Government when it found itself obliged to operate the Transcontinental, from which line the Lake Superior branch debouches. The St. John and Quebec Railway also is under a 99-year lease. Included in the mileage of this latter road are 13·96 miles of Canadian Pacific Railway into St. John over which running rights have been secured.

Included in the Intercolonial mileage is the New Brunswick and Prince Edward Island Railway, 36·05 miles, and the Vale Road, 5·95 miles. The purchase of the former was formally completed during the year, the purchase price being $270,000. This road supplies the connection between the Intercolonial main line at Sackville and the Prince Edward Island Car Ferry at Cape Tormentine.

The International Railway of New Brunswick also became the property of the Government during the year on the expiration of the five-year rental period. The consideration was $2,700,000.

The Vale Railway, a short line connecting the coal mines at Thorburn, N.S., with the Intercolonial Railway at New Glasgow, is being operated under a 10-year lease from May 1, 1915, with the option of purchase for $30,000 at any time during the leasehold period.

In addition to the above list of branch and leased lines mention should be made of the following Government railway properties:—

The Quebec and Saguenay Railway, from Cap Tourmente, P.Q., to Murray Bay wharf, 55 miles, and from that point to Nairn Falls, 7·3 miles, a total distance of 62·3 miles. This road not being finally completed is still being operated by the contractors.

The Windsor Branch Railway, from Windsor Junction on the Intercolonial to Windsor, N.S., is under a 99-year lease to the Canadian Pacific Railway since January 1, 1914, at an annual rental of $22,500. It is 32 miles in length and supplies the connection with the Dominion Atlantic Railway.

A bi-monthly mixed service was given on the Hudson Bay Railway from Le Pas to Mile 214.

Earnings, Expenditure and Deficit

The combined revenue of the Canadian National System increased from $85,511,341.20 to $96,782,749.81 during the twelve months, but during the same period the expenditure increased from $89,785,679.78 to $109,276,046.01, leaving a deficit of $12,493,296.20, an increase of $8,218,957.62 over the preceding year. To this should be added Canadian Northern interest charges of $19,969,710.36 which it was not possible to meet out of earnings, making the total deficit of the Canadian National System $32,463,006.56 for the year. This, however, does not represent the sum total deficit on railway operation which had to be met by the Government during the year, as the Minister of Railways, as receiver of the Grand Trunk Pacific system, was also obliged to provide for an operating deficit there of $5,555,518, as well as $8,524,424 for fixed charges, a net loss of $14,079,942, which, added to the deficit on Canadian National lines, gives a grand total deficiency of $46,542,948.56 in the year's operation of roads under Government control.

The following two tables are self-explanatory. In the first, the business of the year under review is contrasted with the previous year, and in the second the revenue and expenditure, as well as deficit, are apportioned among the various roads comprising the Canadian National System.

CANADIAN NATIONAL RAILWAYS.

Revenue	Canadian Government Railways year ending Mar. 31, 1920	Canadian Northern Railway System year ending Dec. 31, 1919	Grand Total.	Increase over preceding year	Per cent of Increase
	$ cts.	$ cts.	$ cts.	$ cts.	
Passenger traffic	11,684,380 27	10,775,708 46	22,460,088 73	5,752,464 58	0·344
Freight traffic	25,546,867 96	39,175,552 09	64,722,420 05	633,009 24	0·01
Mails and express	1,719,075 28	1,588,902 18	3,307,977 46	854,406 32	0·348
Miscellaneous	1,887,163 87	3,813,767 45	5,700,931 32	3,979,163 05	3·311
Ocean traffic	591,332 25	.....	591,332 25	52,365 42	0·097
Total revenue	†41,428,819 63	55,353,930 18	96,782,749 81	11,271,408 61	0·132
Expenditure.					
Maintenance of way structures	12,385,730 82	15,905,058 62	28,290,789 44	8,972,780 80	0·464
Maintenance of equipment	8,658,560 75	11,569,896 52	20,228,457 27	3,859,289 47	0·236
Traffic expenditure	545,056 32	1,031,282 13	1,576,338 45	261,066 71	0·198
Transportation expenditure	24,171,756 26	29,002,877 63	53,174,633 89	6,050,297 27	0·128
Miscellaneous expenditure	935,702 70	958,449 37	1,894,152 07	675,709 99	0·554
General expenditure	748,363 35	1,566,459 65	2,314,823 00	401,278 09	0·210
Total	†47,445,170 20	60,034,023 92	107,479,194 12	20,220,422 33	0·232
Hire of equipment Taxes, rentals, joint facilities	776,297 93	1,020,553 96	1,796,851 89	*730,056 10	*0·289
Total	†48,221,468 13	61,054,577 88	109,276,046 01	19,490,366 23	0·221
Summary.					
Revenue	41,428,819 63	55,353,930 18	96,782,749 81	11,271,408 61	0·132
Expenditure	48,221,468 13	61,054,577 88	109,276,046 01	19,490,366 23	0·217
Deficit	†6,792,648 50	5,700,647 70	12,493,296 20	8,218,957 62	0·729

*Decrease. †Includes St. John and Quebec Railway.

SUMMARY OF REVENUE AND EXPENDITURE

——	Revenue	Expenditure	Deficit
	$ cts.	$ cts.	$ cts.
Intercolonial Railway, including the New Brunswick and Prince Edward Island Railway	28,356,584 86	30,697,723 74	2,341,138 88
Prince Edward Island Railway	921,456 52	1,543,858 45	622,401 93
International Railway	176,916 92	496,742 39	319,825 47
Transcontinental Railway—Eastern lines (Moncton—O'Brien)	5,029,971 14	7,057,308 90	2,027,337 76
Transcontinental Railway—Western lines (O'Brien—Winnipeg)	6,617,110 97	7,575,142 81	958,031 84
Moncton and Buctouche Railway	50,340 54	116,720 28	66,379 74
Elgin and Havelock Railway	22,388 82	63,961 72	41,572 90
St. Martins Railway	17,696 24	72,483 52	54,787 28
Salisbury and Albert Railway	59,549 16	153,403 32	93,854 16
York and Carleton Railway	9,111 15	29,755 99	20,644 84
St. John and Quebec Railway	167,693 31	414,367 01	246,673 70
	41,428,819 63	48,221,468 13	6,792,648 50
Canadian Northern Railway	55,353,930 18	61,054,577 88	5,700,647 70
	96,782,749 81	109,276,046 01	12,493,296 20
Add interest charges, Canadian Northern Railway	.....	.....	19,969,710 36
Total deficit Canadian National System	.....	.....	32,463,006 56

Operating Results

During the year 1,749,221 more passengers were carried than during 1918-19. The resultant increase in revenue was $5,752,464.58. On the other hand there was an increase in transportation expenses of $6,050,297.27.

There was a falling-off in freight movement following the cessation of the shipment of munitions and war supplies and the return of traffic to normal lines. This was particularly felt on Canadian Government lines leading to the seaboard, where the decrease was 2,728,733 tons. In addition the Canadian Northern carried 850,327 tons less than in 1918. Had the tonnage of the previous year been maintained it would have made a difference of $9,735,054 in the revenue, which practically would have taken care of the operating deficit of $9,813,183.

The operating revenue increased 11·08 per cent during the year, but operating expenses increased 23·17 in the same period. It is satisfactory, however, to note that the bulk of this increase is in connection with maintenance of way and structures and maintenance of equipment, indicating that much of the increased outlay is going into the improvement of Canadian National property.

COMPARATIVE SUMMARY OF OPERATING RESULTS.

	1919-20	1918-19	Increase.
Operating Revenue—	$ cts.	$ cts.	$ cts.
Canadian Northern	53,562,177 57	47,310,011 91	6,252,165 66
Canadian Government	41,428,819 63	38,201,329 29	3,227,490 34
Canadian National	94,990,997 20	85,511,341 20	9,479,656 00
Source thereof—			
Passenger	22,460,088 73	16,707,624 15	5,752,464 58
Freight	64,722,420 05	64,089,410 81	633,009 24
Mails and express	3,303,647 19	2,453,571 14	850,076 05
Miscellaneous	4,504,841 23	2,260,735 10	2,244,106 13
Operating expenses—			
Canadian Northern	60,034,023 92	44,062,949 94	15,971,073 98
Canadian Government	47,445,170 20	43,195,821 05	4,249 349 15
Canadian National	107,479,194 12	87,258,770 99	20,220,423 13
Distribution—			
Maintenance of way and structures	28,290,789 44	19,318,008 64	8,972,780 80
Maintenance of equipment	20,228,457 27	16,369,167 80	3,859,289 47
Traffic expenditure	1,576,338 45	1,315,271 74	261,066 71
Transportation expenditure	53,174,633 89	47,124,336 62	6,050,297 27
Miscellaneous expenditure	1,894,152 07	1,218,442 08	675,709 99
General expenditure	2,314,823 00	1,913,544 91	401,278 09
Net deficit—			
Canadian Northern	6,471,846 35	* 3,247,061 97	9,718,908 32
Canadian Government	6,016,350 57	5,922,075 23	1,094,275 34
Canadian National	12,488,196 95	2,675,013 26	9,813,183 69

*Surplus of net earnings.

TRAFFIC STATISTICS.

	1919-20	1918-19	Increase
Passengers carried—			
Canadian Northern	4,925 547	4,114,965	810,582
Canadian Government	7,031,704	6,093,065	938,641
Canadian National	11,957,251	10,208,030	1,749,221
Freight carried—	Tons.	Tons.	Decrease.
Canadian Northern	12,439,314	13,289,641	850,327
Canadian Government	11,359,600	14,088,337	2,728,733
Canadian National	23,798,914	27,377,978	3,579,064
Earnings per mile—	$ cts.	$ cts.	$ cts. Increase.
Canadian Northern	5,558 55	5,005 29	553 26
Canadian Government	9,793 66	9,022 25	771 41
Canadian National	6,848 77	6,257 32	591 45
Expenses per mile—			Increase.
Canadian Northern	6,230 18	4,661 76	1,568 42
Canadian Government	11,205 75	10,252 98	1,052 77
Canadian National	7,747 59	6,385 19	1,362 40

Wage Increases

The greatest single factor contributing to the exceptional increase in expenditure during the year, and in fact during the past several years, has been the heavy increases in the wages of railway workers without commmensurate increases in the rates or volume of business. This is shown in the following table of pay-rolls:—

	1917-18	1918-19	1919-20
Canadian Northern	$20,871,397	$29,269,906	$41,620,133
Canadian Government	19,734,773	27,982,189	31,946,903
Canadian National	$40,606,170	$57,252,095	$73,567,036

Out of every dollar earned in 1917-18, 59 cents were paid in wages. In 1918-19 the proportion was 67 cents, and in 1919-20 it had grown to 76 cents.

Analysis of the figures indicates also that the increase in operating expenses during the year of $20,220,432, $16,314,941, or 80 per cent, was attributable to increased labour costs. There is indicated as well the fact that during the past three years the pay-roll increases amounted to $32,960,866, while the total increase in operating expenses during the same period was $40,052,081, and of operating revenue, $26,280,018. In other words the increase in wages during the three years referred to was 82·29 per cent of the increase in operating expenditure and 125 per cent as contrasted with the increase of operating revenue.

With the return of the troops the labour situation was relieved and it was possible to overtake deferred maintenance. This, of course, meant increase of staff. The average number of employees on the roads now forming the Canadian National System was 43,098 in 1917-18 when the average wage paid was $942.18. In 1918-19 the number employed was 47,809 and the average wage was $1,197.52. In 1919-20 the employees numbered 54,968 and the average wage had grown to $1,338.36. The increase in average number of employees in 1918-19 over 1917-18 was 11·15 per cent; in wages 41 per cent. The increase in employees this last year over 1918-19 was 12·64 per cent; in wages 28·85 per cent. The total increase of 1919-20 over 1917-18 in the number of employees was 27·54 per cent, while in wages paid the total increase was 81 per cent.

Operation of Branch Lines

Examination of the earnings and expenses of individual railways composing the Canadian National System indicates the heavy expense involved in the operation of certain branch lines. When a branch line is taken over by the Government through rates at once apply and earnings correspondingly decrease. At the same time standard wages are payable, which increases expenditure. In addition some of these properties came into the hands of the Government in a run-down condition, involving heavy outlay. Thus it happens that the bringing of these lines up to Canadian Government branch lines standard usually involves heavy outlay and the expense of operation and maintenance is very high in comparison with earnings, it costing two, three and even four dollars to earn one, as will be seen by the following tables:—

EARNINGS AND EXPENSES PER MILE INDIVIDUAL RAILWAYS.

	1919–20		1918-19	
	Earnings $ cts.	Expenses $ cts.	Earnings $ cts.	Expenses $ cts.
Canadian Northern	5,558 55	6,230 18	5,005 29	4,661 76
Intercolonial Railway	17,754 88	19,343 74	16,559 80	17,710 34
Prince Edward Island Railway	3,335 11	5,587 82	2,683 83	5,759 52
International Railway	1,673 29	4,698 22	1,833 92	4,978 34
National Transcontinental Railway	5,804 44	7,292 23	5,188 69	6,492 28
Moncton and Buctouche Railway	1,681 94	3,899 78	1,089 55	2,256 42
Elgin and Havelock	857 48	2,449 70	515 02	1,851 53
St. Martin's Railway	615 95	2,522 92	581 07	1,598 71
York and Carleton Railway	1,457 79	4,760 96	1,112 70	3,585 45
Salisbury and Albert Railway	1,330 11	3,426 48	993 34	2,143 57
St. John & Quebec Railway	965 51	1,979 92	896 78	1,601 08

EXPENSES PER TRAIN PER MILE.

	1917–18	1918–19	1919–20
	$ cts.	$ cts.	$ cts.
Canadian Northern	1 98	2 65	3 36
Canadian Government	2 63	3 44	3 91
Intercolonial	2 46	3 27	3 75
Prince Edward Island Railway	2 69	4 86	3 93
International Railway	2 49	3 27	3 88
National Transcontinental	3 04	3 75	4 28
Moncton and Buctouche	.....	4 11	5 81
Elgin and Havelock Railway	.....	4 33	3 79
St. Martin's Railway	.....	2 98	4 18
York and Carleton Railway	.....	3 52	3 99
Salisbury and Albert Railway	.....	3 33	3 77
St. John and Quebec Railway	1 86	2 42	2 93

Operating Ratio	1919–20	1918–19	Increase
Canadian Northern	112·08	93·14	18·94
Canadian Government	114·52	113·07	1·45
Canadian National	113·14	102·05	11·09
Intercolonial	108·95	106·95	2·00
Prince Edward Island Railway	167·55	214·60	−47·15
International Railway	280·78	271·46	9·32
National Transcontinental Railway	125·63	125·12	0·51
Moncton and Buctouche Railway	231·86	209·85	22·01
Elgin and Havelock Railway	285·69	359·51	−73·82
St. Martin's Railway	409·60	275·13	134·47
York and Carleton Railway	326·59	322·23	4·36
Salisbury and Albert Railway	257·61	215·79	41·82
St. John and Quebec Railway	205·07	178·54	26·53

− Decrease

Double Tracking of Main Line

The operated mileage of second main line was 84·95 miles. The following double tracking of main line is under way:—

Truro to Belmont	12·4 miles
Springhill Junction to Maccan	9·2 "
Bagot to Ste. Rosalie	10·9 "
Mileage 108·2 to 112·9 Chaudière subdivision	4·7 "
Total	37·2 miles

The construction of a new connection 2·7 miles in length from mile 7·4 on the Intercolonial Railway to the main line of the Intercolonial at Moffat station makes a saving in track mileage to maintain of 4·7 miles.

On the St. John and Quebec Railway construction of the extension from Gagetown to Westfield Beach, 37·76 miles in length, was completed and taken over for operation. An arrangement was made with the Canadian Pacific for the operation of trains between Westfield Beach and St. John, a distance of 13·95 miles.

Progress was made in the laying of a third rail on the Prince Edward Island Railway, 61 miles of which is now of standard gauge while at the same time accommodating narrow-gauge rolling stock. Forty miles of third rail were laid during the year.

SUMMARY OF EQUIPMENT

	1918-19	1919-20
Locomotives—		
Canadian Northern	788	850
Canadian Government	793	802
Canadian National	1,581	1,652
Passenger train cars—		
Canadian Northern	787	968
Canadian Government	770	751*
Canadian National	1,557	1,719
Freight cars—		
Canadian Northern	32,254	37,895
Canadian Government	27,305	28,180
Canadian National	59,559	66,075
Work cars—		
Canadian Northern	1,701	1,801
Canadian Government	765	882
Canadian National	2,466	2,683

* 27 business cars now classified as work cars.

Hudson Bay Railway

The total expenditure for Hudson Bay Railway construction (year 1919-20) was $6.504.84, composed chiefly of payment for services of J. W. Porter, Chief Engineer, and small accounts previous to the date of passing under the control of the Canadian National Railways. The total credits for the year amount to $253,658.51, of which the largest item was a cheque from the Canadian National Railways for ties, timber and telegraph materials.

The net amount expended on the Port Nelson Terminals was $11,545.19, being almost wholly for salaries of employees engaged in looking after plant and material following the suspension of construction operations.

Hudson Bay Railway Operation

On April 23, 1919, the road was taken over for operation by Canadian National Railways, since which date a bi-monthly mixed service has been given between Le Pas and Mile 214. Details of revenue and expenditure for the year ending December 31, 1919, are as follows:—

REVENUES

No. 101—Freight	$26,100 33
102—Passenger	8,105 75
111—Special service trains	200 00
Total revenues	$34,406 08

EXPENSES

Maintenance of Way and Structures—	
No. 201—Superintendence	$ 3,024 62
208—Bridges and culverts	6,625 55
212—Ties	1,026 47
220—Tracklaying	12,148 18
231—Water stations	50 00
247—Telegraph maintenance	751 18
269—Roadway machines	5 30
271—Small tools and supplies	70 19
272—Removal snow, sand and ice	224 65
Total	$23,926 14
Maintenance of Equipment—	
No. 301—Superintendence	$ 449 09
302—Shop machines	25 23
308—Repairs to locomotives	5,167 89
314— " freight equipment	111 15
326— " work equipment	3 40
335—Other expenses	539 50
	$ 6,296 26
Transportation—	
No. 371—Superintendence	$ 23 90
373—Station employees	2,950 08
376—Station expenses	221 74
392—Train enginemen	3,765 00
394—Fuel for locomotives	6,426 59
397—Water for locomotives	2,252 92
398—Lubricants for locomotives	310 18
399—Other supplies	54 29
400—Enginehouse expenses	3,569 98
401—Trainmen	5,576 65
402—Train supplies and expenses	72 66
406—Drawbridge operation	436 50
410—Stationery	91 45
	$25,751 94

Total maintenance of way and structures	$23,926 14
" " equipment	6,296 26
" transportation	25,751 94
	$55,974 34
Total revenues	$34,406 08
" expenses	55,974 34
Loss for year 1919	$21,568 26

Canal Progress

The report of the chief engineer of the Department of Railways and Canals summarizes the repairs and improvements effected on the various canals and canalized waters of the Dominion during the year. It also records the progress made on the Welland Ship canal on the four sections which were placed under contract before the war, work on which was discontinued in 1917, and resumed during the season of 1919. During the past fiscal year labour troubles have been almost continuous, with the result that progress on the work has been much less satisfactory than could have been desired.

The Port Colborne elevator, which was destroyed by an explosion of dust on August 9, 1919, when ten lives were lost, is in process of restoration and will, it is expected, be in a position to handle its share of the coming harvest. It is hoped to include in the next annual report the complete report of the commission which has been in charge of the reconstruction of the elevator.

Substantial progress has been made on construction of the Trent canal, it now being possible for motor launches to make the passage from lake Ontario to Georgian bay, and vice versa, by the use of two inclined marine railways at Big Chute and Swifts rapids. This possibility is rapidly attracting the attention of tourists.

Some attention has been given to the question of the ultimate enlargement of the St. Lawrence canals and the chief engineer is endeavouring to reach an agreement with a United States engineer who has been appointed by that Government to prepare plans for such an undertaking in the hope of submitting a joint report to the International Joint Commission, to whom this undertaking has been referred.

Commissioner of Highways

The Canada Highways Act, assented to on July 7, 1919, which provides for federal aid to the extent of $20,000,000 in the construction of highways during the next five years, is administered by this department, through a commissioner, Mr. A. W. Campbell, M.E.I.C. An Honorary Advisory Council, consisting of Mr. C. A. Magrath, John P. Mullarkey and R. Home Smith, was appointed to assist in the development of policy to be followed in the organization of the necessary staff, and the Minister of Railways and Canals is chairman of such council.

An effort is being made to secure a correlated system of main and market roads which, when finally completed, shall form, as far as possible, a general system of interprovincial highways. After the regulations had been promulgated the different provinces undertook the preparation of the necessary programme maps, none of which were completed prior to the close of the fiscal year; though shortly afterwards they were filed and approved and much work accomplished during the season, details of which will appear in the next annual report.

Statement of Departmental Accountant

The statement of the accountant shows a grand total expenditure by the department of $1,137,241,578.52 to date.

Grand total expenditure on railways	$ 951,008,438 13
Grand total expenditure on canals	178,427,952 67
Common to both railways and canals	7,805,187 72
	$1,137,241,578 52
The grand total of revenue from railways to date is	355,052,042 39
Grand total of revenue from canals	17,909,987 46
	$ 372,962,029 85

The expenditure on Government Railways during the year amounted to $60,505,230.49, of which $11,592,267.35 was chargeable to capital, $709,753.28 to income, and $48,194,709.86 to revenue.

On capital account, $4,337,512.44 was spent on the Intercolonial Railway. $1,569,903.89 on the Transcontinental, $803,384.63 on the Quebec and Saguenay, and $1,587,769.31 on miscellaneous railway equipment. It also includes $2,676,901.05. purchase price of the International Railway of New Brunswick, $48,750 on account of the purchase of the St. Martins Railway, and $13,500 on account of the purchase of the York and Carleton Railway.

Of income expenditure, $242,341.89 was on account of the Dominion Railway Board; $77,894.82 on surveys and inspections; $8,763.98, Commissioner of Highways: $12,359.74, Railway Grade Crossing Fund; and $14,930.55, expenses in connection with the acquisition of the Grand Trunk and associated systems.

Expenditures on revenue account have already been exhaustively dealt with.

On canals, there was spent during the year $6,995,152.94, as against $3,781,508.70 last year. Of this sum $4,579,565.22 was on account of capital, $798,112.71 on account of income, and $1,617,475.01 on account of revenue.

On capital account $3,517,590.71 was on Welland Ship canal construction and $1,052,310.96 on construction of the Trent canal.

Expenditure chargeable to income was $798,112.71, as against $137,604.37 last year. This is accounted for by extraordinary repairs, such as the reconstruction of the Port Colborne elevator, destroyed by an explosion of grain dust, and the overtaking of work which, as far as possible, was postponed during the war period.

Chargeable to revenue there was an expenditure of $1,617,475.01, of which $860,562.56 was for staff and $756,912.45 for ordinary repairs. The increase in this for the year was $28,947.93, fairly evenly divided between the two items.

The accountant's report includes a number of interesting cumulative statements showing expenditures of the department since Confederation, not only by the year, but by the various undertakings from year to year. The amount expended to date on the Welland Ship canal is $20,033,219.16; on the Hudson Bay railway, $20,560,836.69; on final completion of Quebec bridge, $22,616,017.66; on Government Railways, capital $479,956,930.54, income $5,540,774.52, revenue $389,119,264.98; and on railway subsidies to date, $76,391,471.09. Subsidies paid during the last fiscal year amounted to $334,845.55, of which the Edmonton, Dunvegan and British Columbia Railway received $213,179.64, and the St. John and Quebec Railway Company $121,665.91.

Board of Railway Commissioners for Canada

As the Dominion Railway Board publishes a very full and complete report, it is no longer considered necessary to deal with it in the annual report of this department.

Canal and Railway Statistics

A table showing the principal features of the canal traffic during the season of 1919, as compared with 1918, is appended to the chief engineer's report, and certain cumulative statements as to revenue and expenditure on both railways and canals form part of the report of the departmental accountant, but complete canal statistics, as well as statistics reported by the various railway companies of Canada are compiled by the Transportation Division of the Dominion Bureau of Statistics and issued as a separate report.

I have the honour to be, sir,

Your obedient servant,

G. A. BELL,
Deputy Minister.

CANADIAN NORTHERN RAILWAY SYSTEM

The Fifth Annual Report of the directors of the Canadian Northern Railway System, covering the operation of the road for the year ending December 31, 1919, is submitted by President D. B. Hanna, as follows:—

Gross earnings—		
From passenger traffic	$10,775,708 46	
From freight traffic	39,175,552 09	
From express, mail and telegraphs	1,588,902 18	
Miscellaneous earnings	2,022,014 84	
	$53,562,177 57	
Interest and profits from elevator and other subsidiary companies, investments, etc.	1,791,752 61	
		$55,353,930 18
Working expenses	$60,034,023 92	
Hire of equipment, taxes, rentals and miscellaneous charges	1,020,553 96	
		$61,054,577 88
Deficit		$ 5,700,647 70
Interest charges		19,969,710 36
Total deficit		$25,670,358 06

MILEAGE

The total mileage operated at the end of the year was 9,685·7, compared with 9,566·5 at the end of 1918, being an increase of 119·2 miles. The average mileage in operation throughout the year was 9,636·9 miles.

OPERATING REVENUES

Operating revenues for the year 1919 increased by $6,252,165.66 over the previous 12 months, or 13·33 per cent. The increases were derived from—

Passenger traffic	$2,951,264 02—37·72%
Freight traffic	2,439,682 63— 6·64%
Other	861,219 01—31·32%

TRAFFIC MOVEMENT

The increase in passenger earnings in the year 1919 as compared with the previous year is due in part to the removal of restrictions on travel applicable to war time traffic, augmented by the movement of troops for demobilization.

As a result of the cessation of activities dependent on the war and the consequent cancellation of Government orders for munitions, foodstuffs, etc., a decline in business took place in the first half of the year. This was inevitable in a period of transition from war to peace. The loss in freight tonnage from January 1 to the end of July was one and a half million tons, after which the tonnage showed an increase over 1918 to the extent that by the end of the year the net loss in tonnage was cut down to 850,327 tons. A gratifying feature of the situation is the additional long haul business which is indicated by the increase of 23 miles in the average distance each ton of freight was hauled.

While movements of live stock, lumber and building material show gains over last year, the declines in grain, coal and miscellaneous traffic more than offset these gains, resulting in loss of tonnage already mentioned as compared with 1918. The decline in coal traffic is due to the loss of shipments from Drumheller, Cardiff and Wayne during June, July and August, caused by the strike of the miners in the Alberta coal fields.

OPERATING EXPENSES.

The increase of $15,971,073.98 in operating expenses is nearly all due to higher wages. The general large increases in rates of pay granted during 1918 under the

McAdoo series of advances which were reflected only in part in the operating expenses for the year ended December 31, 1918, show their full effect in this year's figures, and the total is increased by the effect of additional supplements issued during 1919 by the United States Railroad Administration and which, under arrangement between the Canadian Railway War Board and the Dominion Government, have been applied to the wages of railway employees in Canada. The total increase in expenses due to wages for the year was $12,350,226.60 or 77·31 per cent of the total increase of operating expenses.

The deficit of $5,700,647.70 is after crediting miscellaneous earnings and charging deductions from income. The actual operating deficit for the year is $6,471,846.35 (see p. 22), as against net earnings of $3,247,061.97 for 1918 and net earnings of $7,443,369.41 for 1917. This loss between 1917 and 1919 of nearly fourteen million dollars in net earnings is a direct reflection of the improper relation existing between earnings and operating expenses. During these two years the abnormally large wage increases more than represent the loss in net earnings, as the following comparison of pay-roll totals shows:—

Total pay-roll for the year:—

1917	$20,871,397
1918	$29,269,906
Increase per cent	40·24
1919	$41,620,133
Increase per cent	42·19

It is of interest to note that for every dollar earned in the last year the railway had to pay out over 75 cents in wages.

As all elements of the railway's expenses enter into the production of transportation in the shape of train miles, the increase in the cost of running a train one mile tells better than any other unit the story of the railway's inability to make ends meet under conditions such as have existed in the past two years. When the large increases in the cost of materials and supplies are also considered, the difficulties of the situation will be more fully appreciated. The cost of running a train one mile increased from $1.98 in 1917 to $2.65 in 1918 and to $3.36 in 1919, the latter figure being an increase of 27 per cent over 1918 and 70 per cent over the cost in 1917. Gross earnings per mile of line increased from $4,396 in 1917 to $5,005 in 1918 and to $5,558 in 1919, the 1919 gross per mile being only 10 per cent over 1918 and 25 per cent over 1917. Under these conditions and with less than 1 per cent increase in train service, the net result for the last two years has been to convert net earnings of $789.08 per mile of line in 1917 and $343.53 in 1918 to a deficit of $671.63 per mile for the year ended December 31, 1919. This change in the net earnings situation is entirely due to the conditions referred to in the preceding paragraphs.

In comparing the train mile expenses for the last three years, the higher percentage of expense devoted to maintenance particularly in 1919 is worth noting, as indicating that a larger percentage of the expenses is going towards the improvement of the roadway, structures and rolling stock.

The cessation of hostilities having appreciably relieved the labour situation, your company was enabled during 1919 to commence on the work of overtaking considerable maintenance of roadway, structures and equipment work which (as referred to in previous reports) had been unavoidably deferred by war conditions. The amount of money spent on deferred maintenance throughout the year is estimated at over $4,500,000, which is included in operating expenses for the year.

The increase in revenue which higher rates were expected to bring has been greatly cut down by the falling off in tonnage of certain commodities as compared with 1917, which, in common with other railways in Canada, has affected your line and has been most noticeable in respect to grain traffic.

This loss of tonnage and the extra expenditures due to taking up in part the deferred maintenance, with the conditions already referred to in respect to wages, etc., precluded the possibility of making any net earnings without a readjustment of transportation rates.

Freight Rates

The existing improper relationship between earnings and operating expenses is a condition which fortunately may be regarded as transitory. It is recognized in the United States and Great Britain, as well as in Canada, that the railways cannot continue to provide transportation at practically pre-war rates.

Canadian and United States freight rates being generally on an equality, the general percentage of increase in the United States will in the opinion of your directors largely determine what the increase in Canada should be. From the statistics embodied in this report, it is clear that existing rates do not provide an adequate return.

With the United States railroads now handed back to the private owners with legislation passed providing that they are to receive "a fair return upon the aggregate value of the railway property" and this fair return for two years fixed at 5½ per cent per annum and provision for an additional half of 1 per cent for equipment, betterments, etc., there is every reason to believe that freight rates will be fairly adjusted in the near future.

Land Department

Land sales for the year were 79,053 acres for $1,535,608.44, an average of $19.42 per acre, compared with an average of $19.45 for the preceding period.

During the same period sales previously entered into aggregating 32,403 acres were by mutual agreement cancelled, so that the acreage of land available for sale has been decreased by 46,650 acres, leaving a total of 772,309 acres unsold.

Car Trust Obligations

Additional car trust obligations were created during last year to the extent of $22,500,000 for the purchase of equipment of different kinds, and $4,705,000 was repaid in respect of previous obligations, thus making the net increase $17,795,000 and leaving the total amount of car trust obligations outstanding at December 31, 1919, $32,936,000.

New Equipment

Motive power and rolling stock ordered in the year ended December 31, 1919, were as follows:—

25 Pacific type engines.
25 Six-wheel switch engines.
750 box cars.
800 wooden stock cars.
550 dump cars.
500 flat cars.
250 Hart ballast cars.
150 refrigerator cars.
30 steel baggage cars.
6 flangers.
130 colonist cars.
20 tourist cars.
18 standard sleepers.
13 compartment observation cars.
20 First-class coaches.
20 mail cars.
9 dining cars.
6 snow ploughs.
5 cabooses.

Construction and Betterments

As referred to in your directors' previous report, the construction programme for 1919 contemplated the completion of certain branch lines in Western Canada which were under construction at the outbreak of the war. Work was done on the following lines:—

Acadia Valley Extension, Jack Fish Lake Extension, Onoway Extension, Alsask South-easterly, Luck Lake Extension, Leebles-Lampman Extension, Amaranth North-erly, Melfort-Humbolt Extension, Gravelbourg Extension, Eston South-easterly, Melfort North-easterly, Thunderhill Extension, Hanna South-easterly, Oliver North-easterly, Kamloops-Kelowna-Lumby Branch.

While conditions governing labour and materials prevented as great progress being made on these lines last year as was hoped for, the major portion of the work on these branches is expected to be completed this year.

Work on the improvement and betterment programme was carried on throughout the year; 550 miles of track had existing rails changed to heavier section; 101 temporary structures were replaced with permanent work; 11 timber trestles were partly filled. Diversions at Falding and Grenville and on the Sudbury Subdivision were completed. The work of replacing the line along the St. Lawrence river west of Quebec, washed out by the tidal wave of 1918, was nearly completed. Much additional trackage for operating purposes was constructed, namely: 45 passing tracks, 19 siding extensions, 32 transfer, storage and other tracks. Among the buildings erected were 27 stations, 6 freight sheds, 39 section houses, 36 bunk houses, 3 express buildings. Additions and improvements were made to various roundhouses, machine and car shops. Good progress was made on reballasting. Important structures completed during the year were the Vancouver passenger terminal and the St. Charles River bridge at Quebec. The value of these improvements and betterments has been already demonstrated in improved operating conditions. Your Directors are pleased to report that upon their recommendations amounts for expenditure on capital account have been included in the Government's estimates for the year which will enable the improvement and betterment programme to be continued, thus equipping your system to better perform the transportation service of the country and particularly to handle economically those increases in traffic which, it is your directors' firm belief, will result coincident with the progress of the Dominion and which may largely be expected to take place in the areas served by your lines.

Canadian Government Merchant Marine Limited

Reference was made in last year's annual report to the ocean steamship service established through the Canadian Government Merchant Marine, Limited. This service has continued with success, and as new boats are delivered the service will be enlarged and extended.

To date sixty-three vessels have been ordered by the Department of Marine, with a total of dead weight tonnage of 380,615 tons. Of this number 19 were in service at the 31st December, 1919, and since that date several additional vessels have been delivered by the builders and put in operation.

While the builders have been delayed in the construction of these vessels, due to various causes, so that it is difficult to estimate deliveries definitely, yet it is hoped that by the end of the year there will be nearly 60 vessels in service.

The operation of the services established has up to date shown a substantial return. The Canadian National Railways also benefit from the earnings on goods moving to and from ocean ports in connection with the services operated by these vessels.

Outlook for the Future

Your directors view the future with the confidence based on knowledge of the particularly favourable location of the system's lines and the general good character of the country served. The railway property of your system has invested in it not less than 550 million dollars. It is not held by your directors that because the year's operations resulted in a deficit, the value of this great investment is impaired. The conditions which have resulted in the present improper relation between earnings and expenses have been stated. Under existing rates United States railways are acknowledged to be going behind their pre-war record at about the rate of a million dollars a day. The increase in the value of the services performed by your railway

may be illustrated by the rise in wholesale prices, and when this is contrasted with the almost stationary ton mile and passenger mile receipts, the inadequacy of the present rates needs no further comment.

The prospect in the near future of having the lines of the Grand Trunk System co-ordinated with those of the Canadian Northern and other Government-owned railways presents favourable opportunities of increased traffic for your system; and the benefits which will result from the inclusion of the Grand Trunk lines in the National System, while difficult to definitely estimate, are certain to prove substantial. As noted in previous reports, the Canadian Northern Railway operated under a great disadvantage in not having a Niagara frontier line and connections in Ontario with United States lines. These the Grand Trunk will provide. The consolidation also removes restrictions on traffic interchange to territory served by the Grand Trunk System, which will certainly prove to be of great benefit to the National System.

Traffic returns since the first of January indicate that tonnage on your lines is running about 8½ per cent over the movement in the same period last year. This is a particularly good showing in view of the much colder weather experienced this winter.

There is no doubt that housing facilities are much behind the demand in practically all communities, and a large movement in building materials may be expected. There are large road building programmes under way which should also produce increased tonnage in certain commodities.

Immigration, which on the outbreak of the war fell away rapidly, is according to late reports reviving. The return to pre-war immigration figures would have a most beneficial effect in restoring those conditions of expansion which before the war were so general along much of your western mileage.

The live stock industry in Western Canada continues to thrive and is developing most remarkably. The province of Saskatchewan now ranks first in the production of horses in Canada.

The importance of the Drumheller coal field development to Western Canada and particularly to the areas served by your line was well demonstrated when the supply of coal from United States mines was interrupted through the general strike which occurred in October last. The situation showed how generally dependent many sections of this country are on the United States for supplies of coal. The double tracking of the line between Drumheller and Munson Junction has been completed and the output of the 23 mines in the district is being distributed to a constantly widening field of consumers, with increasing gross revenue to your Company.

It is a matter of congratulation that His Royal Highness the Prince of Wales has chosen the purchase of a ranch in Western Canada as one means of practically identifying himself with Canadian development and as a permanent reminder of his first visit to Canada. Your directors cannot let this opportunity pass of expressing the hope that the royal example will be followed by many from Great Britain, not only in the matter of making a tour of Canada, but in acquiring property here. Your directors feel this can only result in good for the Imperial cause. The visit of H.R.H. the Prince of Wales to various points on the lines of your system was successfully accomplished and the entire Canadian tour was one unbroken success.

It is with the greatest regret that your directors have to record the death on January 24, 1920, of Mr. Z. A. Lash, K.C., LL.D., senior counsel of your system. Mr. Lash, as chief legal adviser of the company for nearly twenty years, gave invaluable advice and counsel to the executive during the construction and development period of your railway and extended this service to your directors up to the time of his death.

Organization and Staff

Your directors are glad to report that the rearrangement of official personnel and general amalgamation of staff with that of the Canadian Government Railways has proved to be most satisfactory. The two systems have worked together as one and there has been the fullest co-operation between employees and management, and the board desires to express its thanks for the loyal and efficient services rendered during the year.

(Signed) D. B. Hanna,
President.

May 8, 1920.

CONSOLIDATED BALANCE SHEET AT DECEMBER 31, 1919

ASSETS

Investments—Property investment. Investment in road and equipment, including proportion of discount on funded debt	$538,044,748 01	
Acquired securities (Exhibit A)	46,312,995 10	
Terminal and other properties	6,724,828 14	
		$591,082,571 25
Cash and Victory bonds in trust accounts held in respect of construction work, sinking funds and other special accounts—		
Dominion Government	$ 1,354,096 61	
Province of Manitoba	50,616 94	
Province of Saskatchewan	1,202,825 24	
Province of Alberta	2,368,169 75	
Province of Ontario	223,048 49	
Province of British Columbia	2,126,367 96	
National Trust Company	3,260,489 35	
British Empire Trust Company	92,953 34	
British Empire Trust Company (trustees account)	37,441 39	
Guardian Trust Company	895 60	
Pennsylvania Company re Equipment Series A (1918), and B (1919)	401,388 49	
Fidelity Trust Comapny re Equipment Series D (1919)	7,500,000 00	
Sinking funds	535,879 47	
		19,154,172 63
Lands unsold	.....	18,902,775 00
Other investments (at cost)	.....	3,015,498 57
Current assets—		
Cash in bank	$ 2,762,064 18	
Balance due from agents, station balances, etc. (net)	2,738,623 28	
Miscellaneous accounts receivable	8,338,439 13	
Deferred payments on account of land sales and accrued interest	7,162,025 14	
Materials and supplies on hand (as per books)	10,375,300 02	
		31,376,451 75
Deferred charges—		
Proportion of discount on funded debt	$ 1,851,638 32	
Insurance premiums unexpired	1,209,937 09	
Unadjusted debits (net balance)	732,034 07	
		3,793,609 48
Advances by the Canadian Northern Railway Company to affiliated companies, per contra)	.....	11,236,675 41
Profit and loss account—Balance	.....	9,535,527 52
		$688,097,281 61

NOTE.—The Ontario Government questions the title of the Canadian Northern Ontario Railway to the lands granted in respect of construction of lines in Ontario which are valued by the company at $6,000,000.

CONSOLIDATED BALANCE SHEET AT DECEMBER 31, 1919

LIABILITIES

Stock—		
Capital stock—		
Common	.....	$100,000,600 00
Affiliated companies	$ 77,179,500 00	
Less—Held in Treasury	71,264,800 00	
		5,914,700 00
		$105,915,300 00
Long term funded debt—		
Canadian Northern Railway (Exhibit B)	$126,301,675 57	
Affiliated companies (Exhibit C)	127,771,711 77	
	$254,073,387 34	
Five per cent income charge convertible debenture stock	24,999,400 00	
Equipment trust obligations	32,936,000 00	
		312,088,787 34
Demand and short term loans secured by collateral or mortgage	.....	62,836,177 60
Dominion of Canada (Exhibit D)	.....	165,230,657 89
Current liabilities—		
Audited vouchers and other floating liabilities	$ 15,135,020 67	
Pay rolls	3,663,762 42	
Interest and equipment obligations matured	2,988,906 01	
Accrued interest on bonds, loans and equipment securities	4,234,156 17	
Taxes accrued	670,300 28	
		26,692,145 55
Reserves—		
Steamship replacement fund	$ 3,310,019 45	
Equipment replacement fund	259,696 04	
Insurance fund	607,822 33	
		4,177,537 82
Advances to affiliated companies by Canadian Northern Railway Company (per contra)	.....	11,236,675 41
C. E. FRIEND, *Comptroller.*		
		$688,097,281 61

AUDITOR'S CERTIFICATE

We have examined the books and records of the Canadian Northern Railway system for the twelve months ended December 31, 1919, and we certify that in our opinion the above balance sheet is properly drawn up so as to exhibit a true and correct view of the affairs of the system at December 31, 1919, and is in accordance with the books and the explanations and information given us.

GEORGE A. TOUCHE & Co.
Chartered Accountants,
Auditors.

Toronto, Ont., May 6, 1910.

INCOME STATEMENT FOR FISCAL YEAR ENDED DECEMBER 31, 1919

Revenue	$53,562,177 57	
Subsidiary miscellaneous earnings	1,791,752 61	
		$55,353,930 18
Working expenses	$60,034,023 92	
Taxes, rentals, joint facilities, etc	1,020,553 96	
		61,054,577 88
Loss on operating	.....	$ 5,700,647 70
Fixed charges—		
Canadian Northern Railway	$ 8,012,969 65	
Affiliated companies	4,895,112 71	
Interest on demand and short term notes and loans—		
Government	6,939,373 68	
Other (net balance)	122,254 32	
		19,969,710 36
Deficit carried to Profit and Loss Statement		$25,670,358 06

PROFIT AND LOSS STATEMENT AT DECEMBER 31, 1919

Deficit on income account for the year	$25,670,358 06	
Discount, etc., on funded debt	472,682 09	
Delayed income, debits and credits, debit balance	1,324,711 98	
		$27,467,752 13
Deduct—		
Surplus brought forward at December 31, 1918		17,932,224 61
Total deficit at December 31, 1919, carried to balance sheet		$ 9,535,527 52

EXHIBIT A

ACQUIRED SECURITIES

The Minnesota and Ontario Bridge Company—	
4½ per cent first mortgage debenture bonds	$ 180,000 00
Capital stock	100,000 00
The Minnesota and Manitoba Railway Company—	
5 per cent general mortgage bonds	250,000 00
Capital stock	400,000 00
The Lake Superior Terminals Company, Limited—	
5 per cent first mortgage gold bonds	2,000,000 00
Capital stock	500,000 00
The Canadian Northern Telegraph Company—	
5 per cent general mortgage bonds	2,000,000 00
Capital stock	500,000 00
The Winnipeg Land Company, Limited—	
5 per cent first mortgage gold bonds	300,000 00
Capital stock	100,000 00
St. Boniface Western Land Company—	
5 per cent first mortgage bonds	750,000 00
Capital stock	250,000 00
The Edmonton and Slave Lake Railway Company—	
5 per cent first mortgage bonds	420,000 00
The Canadian Northern Railway Express Company, Limited—	
4 per cent first mortgage gold bonds	3,000,000 00
Capital stock	1,000,000 0
Canadian Northern Steamships, Limited—	
Capital stock	2,000,000 00
Canadian Northern System Terminals, Limited—	
5 per cent first mortgage debenture stock	7,000,000 00
Capital stock	2,000,000 00

ACQUIRED SECURITIES—*Concluded.*

The Bay of Quinté Railway Company—		
Preferred stock	465,000 00	
Common stock	930,000 00	
Central Ontario Railway—		
Preferred stock	291,000 00	
Common stock	3,038,000 00	
The Irondale, Bancroft and Ottawa Railway Company—		
5 per cent first mortgage bonds	450,000 00	
Capital stock	53,000 00	
The Marmora Railway and Mining Company—		
Bonds of Ontario, Belmont and Northern Railway	100,000 00	
Capital stock	100,000 00	
The Qu'Appelle, Long Lake and Saskatchewan Railroad and Steamboat Company—		
Capital stock	201,000 00	
The Niagara, St. Catharines and Toronto Railway Company—		
Capital stock	922,500 00	
The Niagara, St. Catharines and Toronto Navigation Company, Limited—		
5 per cent gold bonds	200,000 00	
The Quebec and Lake St. John Railway Company—		
Capital stock	4,034,700 00	
Canadian Northern Pacific Railway Company—		
Capital stock	25,000,000 00	
Canadian Northern Alberta Railway Company—		
Capital stock	3,000,000 00	
Canadian Northern Western Railway Company—		
Capital stock	2,000,000 00	
The Canadian Northern Saskatchewan Railway Company—		
Capital stock	1,000,000 00	
Canadian Northern Manitoba Railway Company—		
Capital stock	250,000 00	
The Canadian Northern Ontario Railway Company—		
Capital stock	10,000,000 00	
Duluth, Winnipeg and Pacific Railway Company—		
Capital stock	3,060,000 00	
Mount Royal Tunnel and Terminal Company, Limited—		
Capital stock	5,000,000 00	
The Northern Consolidated Holding Company, Limited—		
Capital stock	4,446,700 00	
This company whose issued capital is $6,181,500 owns $5,064,600 capital stock in the Canadian Northern Quebec Railway Company.		
The Canadian Northern Quebec Railway Company—		
Capital stock	2,080,000 00	
The Halifax and South Western Railway Company—		
Capital stock	925,000 00	
The Bessemer and Barry's Bay Railway Company—		
Capital stock	125,000 00	
The Toronto Eastern Railway Company—		
5 per cent first mortgage debenture bonds	900,000 00	
Capital stock	250,000 00	
The Toronto Suburban Railway Company—		
Capital stock	1,500,000 00	
Total acquired securities		93,071,900 00
Cost to the railway company		$46,312,995 10

EXHIBIT B.

FUNDED DEBT OF THE CANADIAN NORTHERN RAILWAY COMPANY

GUARANTEED AS TO PRINCIPAL AND INTEREST BY THE DOMINION OF CANADA

	Sterling	Currency
3 per cent first mortgage debenture stock..	£1,923,287	$ 9,359,996 72
3½ per cent first mortgage debenture stock..	1,622,587	7,896,588 26
4 per cent guaranteed debenture stock..	.....	17,060,333 33

GUARANTEED BY GOVERNMENT OF MANITOBA

4 per cent first mortgage consolidated debenture bonds..	£2,215,900	$10,784,046 65
Underlying bonds—		
4 per cent Sifton Branch bonds..	233,700	1,137,340 00
4 per cent Gilbert Plains Branch bonds..	500	2,433 33
4 per cent Manitoba & S.E. bonds..	105,300	512,460 00
4 per cent Ontario Division first mortgage debenture bonds..	1,180,600	5,745,586 66
4 per cent Winnipeg Terminal bonds..	616,438	3,000,000 00
4 per cent first mortgage debenture stock..	587,671	2,859,998 87

GUARANTEED BY GOVERNMENT OF SASKATCHWAN

4 per cent first mortgage debenture stock..	£1,650,000	$ 8,029,999 99

GUARANTEED BY GOVERNMENT OF ALBERTA

4 per cent first mortgage debenture stock..	£1,147,945	$ 5,586,665 64

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4 per cent perpetual consolidated debenture stock..	9,234,867	44,943,019 40
4 per cent land grant first mortgage bonds (1909)..	294,700	1,434,206 72
5 per cent land mortgage debentures..	1,500,000	7,300,000 00
4½ per cent Prince Albert Branch first mortgage bonds..	.....	300,000 00
Long term loan at 4 per cent against deposit of $352,000 bonds of Minnesota and Manitoba Railroad Company payable 1930..	.....	349,000 00
		$126,301,675 57

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EXHIBIT C.

FUNDED DEBT OF AFFILIATED COMPANIES.

	Sterling	Currency
The Canadian Northern Alberta Railway Company		
Guaranteed by Dominion Government—		
3½ per cent 1st mortgage debenture stock..	£ 647,260 0 0	$3,149,998 66
Canadian Northern Western Railway Company		
Guaranteed by Government of Alberta—		
4½ per cent 1st mortgage debenture bonds (1943)	575,342 0 0	2,799,997 73
4½ per cent 1st mortgage debenture stock (1942)	1,320,000 0 0	6,424,000 00
Canadian Northern Pacific Railway Company		
Guaranteed by Government of British Columbia—		
4 per cent 1st mortgage debenture stock	3,372,329 0 0	16,412,001 13
4½ per cent terminal debenture stock..	1,770,000 0 0	8,614,000 00
The Canadian Northern Ontario Railway Company		
Guaranteed by Dominion Government—		
3½ per cent 1st mortgage debenture stock..	7,033,561 0 0	34,229,996 87
Guaranteed by Government of Ontario—		
3½ per cent 1st Mortgage debenture stock..	1,615,068 0 0	7,859,997 59
4 per cent perpetual consolidated debenture stock	1,866,499 0 0	9,083,628 46
Central Ontario Railway		
5 per cent 1st mortgage bonds..	176,800 0 0	860,426 69
The Bay of Quinte Railway Company		
5 per cent 1st mortgage bonds..	.....	780,000 00
The Canadian Northern Quebec Railway Company		
4 per cent perpetual guaranteed debenture stock..	1,078,843 0 0	5,250,369 26
Great Northern Railway of Canada, 4 per cent 1st mortgage guaranteed bonds..	.....	3,505,750 00
The Quebec and Lake St. John Railway Company		
4 per cent 1st mortgage perpetual guaranteed debenture stock..	895,688 0 0	4,359,014 93
Duluth, Winnipeg and Pacific Railway Company		
4 per cent 1st mortgage debenture stock..	1,440,683 0 0	7,011,323 93
Duluth, Rainy Lake and Winnipeg Railway Company		
5 per cent 1st mortgage bonds..	.....	2,000,000 00
The Halifax and South Western Railway Company		
3½ per cent 1st mortgage guaranteed debenture bonds..	.....	4,447,000 00
The Niagara, St. Catharines and Toronto Railway Company		
5 per cent 1st mortgage bonds..	.....	1,098,000 00
The Qu'Appelle, Long Lake and Saskatchewan Railroad and Steamboat Company		
4 per cent guaranteed mortgage debenture stock..	1,031,412 6 0	5,019,539 86
Mount Royal Tunnel and Terminal Company, Limited.		
5 per cent 1st mortgage rent charge bonds..	460,000 0 0	2,238,666 66
The Toronto Suburban Railway Company		
4½ per cent 1st mortgage debenture stock..	540,000 0 0	2,628,000 00
		$127,771,711 77

CANADIAN NORTHERN RAILWAY SYSTEM

LOAN from Dominion Government with interest accrued for year ended December 31, 1919 (Exhibit D)

Loan	Amount Outstanding	Interest Due
Advance under 1911 legislation	$ 2,396,099 68	—
Advances under 1914 legislation	5,294,000 02	—
Advances under 1915 legislation	10,000,000 00	500,000 00
Advances under 1916 legislation	15,000,000 00	3,013,643 83
Advances under 1916 War Measure Act	497,566 80	6,952 29
Advances under 1917 legislation	25,000,000 00	2,814,273 27
Advances under 1918 legislation	25,000,000 00	1,715,794 71
Advances under 1918 War Measure Act	5,700,000 00	438,041 09
Advances under 1919 Appropriation Act	31,714,065 22	421,346 90
Equipment loans under chapter 38, 1918	14,336,308 86	—
Advances under vote 96, 1919	20,596,881 98	785,683 24
	$155,434,922 56	$9,695,735 33
Summary—		
Amount outstanding	$155,534,922 56	
Interest due	9,695,735 33	$165,230,657 89

CANSTITUENT AND SUBSIDIARY COMPANIES COMPRISED IN THE CANADIAN NORTHERN RAILWAY SYSTEM

CONSTITUENT COMPANIES

The Canadian Northern Railway Company.
The Canadian Northern Ontario Railway Company.
The Canadian Northern Quebec Railway Company.
Mount Royal Tunnel and Terminal Company, Limited.
Canadian Northern Pacific Railway Company.
Canadian Northern Alberta Railway Company.
Canadian Northern Western Railway Company.
The Canadian Northern Saskatchewan Railway Company.
The Canadian Northern Manitoba Railway Company.
Duluth, Winnipeg and Pacific Railway Company.
Duluth, Winnipeg and Pacific Railroad Company.
Duluth, Rainy Lake and Winnipeg Railway Company.
Central Ontario Railway.
The Halifax and South Western Railway Company.
The Bay of Quinté Railway Company.
The Irondale, Bancroft and Ottawa Railway Company.
The Marmora Railway and Mining Company.
The Northern Consolidated Holding Company, Limited.
The Quebec and Lake St. John Railway Company.
The Qu'Appelle, Long Lake and Saskatchewan Railroad and Steamboat Company
The Minnesota and Manitoba Railroad Company.
The Bessemer and Barry's Bay Railway Company.
The Toronto, Niagara and Western Railway Company.
The James Bay and Eastern Railway Company.
The St. Charles and Huron River Railway Company.
The Toronto Eastern Railway Company.
The Toronto Suburban Railway Company.
The Niagara, St. Catharines and Toronto Railway Company.
Canadian Northern System Terminals (Limited).
The Minnesota and Ontario Bridge Company.
The Lake Superior Terminals Company, Limited.

SUBSIDIARY COMPANIES

Canadian National Telegraph Company.
The Great North Western Telegraph Company of Canada.
The Winnipeg Land Company, Limited.
St. Boniface Western Land Company.
The Canadian Northern Railway Express Company, Limited.
Canadian National Express Company.
Canadian Northern Steamships, Limited.
The Niagara, St. Catharines and Toronto Navigation Company, Limited.
Canadian Northern Rolling Stock, Limited.
The Imperial Rolling Stock Company, Limited.
Canadian National Transfer Company, Limited.
Toronto Dwellings, Limited.
Canadian Northern Realties, Limited.
Federal Properties, Limited.

CONTROLLED COMPANIES

Canadian Government Merchant Marine, Limited.

CANADIAN NORTHERN RAILWAY SYSTEM

STATEMENT of Securities Outstanding, showing: Securities guaranteed by Dominion Government, Securities guaranteed by Provincial Governments, Securities unguaranteed, Maturities of all issues, Annual Fixed Charges, December 31, 1919.

Security.	Date of Maturity.	Total Issue.	Annual Interest.
Guaranteed by Dominion Government.			
Canadian Northern Railway—			
3% 1st Mortgage Debenture Stock	July 10, 1953	9,359,996 72	280,799 86
3½% 1st Mortgage Debenture Stock	July 20, 1958	7,896,588 26	276,380 47
4% 1st Mortgage Debenture Stock	Sept. 1, 1934	44,866,667 33	1,794,666 66
Canadian Northern Alberta Railway—			
3½% 1st Mortgage Debenture Stock	April 1, 1962	3,569,996 86	124,949 88
3½% 1st Mortgage Debenture Stock	May 4, 1960	3,149,998 66	110,249 96
Canadian Northern Ontario Railway—			
3% 1st Mortgage Debenture Stock	May 19, 1961	35,770,000 00	1,251,950 00
Total Dominion guarantees		104,613,247 83	3,838,996 83
Guaranteed by Province of Ontario.			
Canadian Northern Ontario Railway—			
3½% 1st Mortgage Debenture Stock (1938)	June 30, 1938	6,724,015 39	235,340 54
3½% 1st Mortgage Debenture Stock (1936)	July 10, 1936	1,135,982 20	39,759 38
		7,859,997 59	275,099 92
Guaranteed by Manitoba Government.			
Canadian Northern Railway—			
4% Consolidated Debenture Bonds	June 30, 1930	10,784,045 66	431,361 87
4% Ontario Division Bonds	June 30, 1930	5,654,093 33	226,163 73
4½% Ontario Division Bonds	June 30, 1930	91,493 33	4,117 20
4% Winnipeg Terminal Bonds	July 1, 1939	3,000,000 00	120,000 00
4% 1st Mortgage Debenture Stock	June 30, 1930	4,319,998 86	172,799 90
4½% Canadian Northern Manitoba	June 30, 1930	160,680 00	7,230 60
4% Sifton Branch Line Bonds	Feb. 1, 1929	1,137,340 00	45,493 60
4% Gilbert Plains Branch Bonds	Nov. 1, 1930	2,433 33	97 33
4% Manitoba and S. E. Railway Bonds	Feb. 1, 1920	512,460 00	20,498 40
		25,662,545 51	1,027,762 63
Guaranteed by Saskatchewan Government.			
Canadian Northern Railway—			
4% 1st Mortgage Debenture Stock	Jan. 23, 1939	13,709 399 99	548,375 98
Canadian Northern Saskatchewan Railway—			
4½% 1st Mortgage Debenture Stock	Dec. 19, 1943	1,174,813 33	52,866 60
4½% 1st Mortgage Debenture Stock	Dec. 19, 1943	486,666 66	21,900 00
		15,370,879 98	623,142 58
Guaranteed by Alberta Government.			
Canadian Northern Railway—			
4% 1st Mortgage Debenture Stock	Feb. 25, 1939	9,726,364 26	389,054 56
Canadian Northern Western Railway—			
4½% 1st Mortgage Debenture Stock and Bonds	Feb. 16, 1942	6,424,000 00	289,080 00
4½% 1st Mortgage Debenture Stock and Bonds	Oct. 22, 1943	2,799,997 73	125,999 90
		18,950,361 99	804,134 46

CANADIAN NORTHERN RAILWAY SYSTEM—*Concluded.*

STATEMENT of Outstanding Securities, etc.—*Concluded.*

Security.	Date of Maturity.	Total Issue.	Annual Interest.
		$ cts.	$ cts.
Guaranteed by British Columbia Government.			
Canadian Northern Pacific Railway—			
4% 1st Mortgage Debenture Stock	April 2, 1950	20,999,997 59	839,990 90
4½% Terminal Debenture Stock	April 2, 1950	8,614,000 00	387,630 00
4½% Branch Line Stock	April 2, 1950	5,543,527 54	249,458 74
4½% Second Charge Stock	April 2, 1950	4,999,998 73	224,999 94
		40,157,523 86	1,702,088 58
Total Provincial Guarantees		108,001,308 93	4,432,228 17
Unguaranteed Securities.			
Canadian Northern Railway—			
4% Perpetual Consolidated Debenture Stock	Perpetual.	62,154,122 33	2,486,164 88
4% 1st Mortgage Pas Mission Bonds	April 15, 1939	880,000 00	35,200 00
4½% 1st Mortgage Gunflint Bonds	June 30, 1930	641,000 00	28,863 00
4½% Prince Albert Branch Bonds	June 30, 1930	518,000 00	23,310 00
Canadian Northern Ontario Railway—			
4% Perpetual Consolidated Debenture Stock	Perpetual.	12,658,910 51	506,356 42
Central Ontario Railway—			
5% 1st Mortgage Bonds	Jan. 1, 1934	860,426 69	43,021 33
Bay of Quinte Railway—			
5% 1st Mortgage Bonds	Jan. 2, 1927	780,000 00	39,000 00
Canadian Northern Quebec Railway—			
4% Perpetual Debenture Stock	Perpetual	5,435,127 39	217,405 09
Great Northern Railway of Canada 4% Bonds	Oct. 1, 1934	3,505,750 00	140,230 00
Quebec and Lake St. John Railway—			
4% 1st Mortgage Debenture Stock	Perpetual.	4,486,813 60	179,472 54
5% 1st Mortgage Bonds	Dec. 31, 1924	31,390 00	1,569 50
Duluth, Winnipeg and Pacific Railway—			
4% 1st Mortgage Stock	June 1, 1939	8,221,907 27	328,876 28
Duluth, R. L. and Winnipeg Railway 5% Bonds	Jan. 1, 1921	2,000,000 00	100,000 00
Halifax and Southwestern Railway—			
3½% 1st Mortgage Bonds	Sept. 30, 1942	5,663,666 66	198,228 32
Niagara, St. Catharines and Toronto Railway—			
5% 1st Mortgage Bonds	Nov. 1, 1929	1,504,000 00	75,200 00
5% 2nd Mortgage Bonds	Nov. 1, 1929	536,500 00	26,825 00
Qu'Appelle, Long Lake and Saskatchewan Railway and Steamboat Company.			
5% 1st Mortgage Stock	July 1, 1936	5,019,539 86	200,781 59
Mount Royal Tunnel and Terminal Company, Ltd., 5% 1st Mortgage Bonds	April 15, 1970	11,431,799 99	571,589 99
James Bay and Eastern Railway, 5% 1st Mortgage Bonds	Sept. 1, 1945	300,000 00	15,000 00
Minnesota and Manitoba Railway 4% 1st Mortgage Bonds	June 30, 1931	352,000 00	14,080 00
Toronto Eastern Railway 5% 1st Mortgage Debenture Bonds	Sept. 1, 1945	700,000 00	35,000 00
Toronto Suburban Railway 4½% 1st Mortgage Debenture Stock	July 15, 1961	2,628,000 00	118,260 00
Land Securities.			
Canadian Northern Railway 4% Land Grant Bonds (1909)	July 1, 1938	1,434,206 72	57,368 26
5% Land Mortgage Debentures	June 1, 1923	16,921,886 66	846,094 33
Total Unguaranteed		148,665,047 68	6,287,896 53
Grand Total		361,279,604 44	14,559,121 53

In addition to above, the following are authorized and issued:—

(*a*) Canadian Northern Railway 5% Income Charge Convertible Debenture Stock, $24,999,500.00.

(*b*) Imperial Rolling Stock Co., Ltd., Equipment Trusts, $7,311,000 and Canadian Northern Rolling Stock Co., Equipment Trusts, $25,625,000.

CANADIAN NORTHERN RAILWAY SYSTEM

EQUIPMENT NOTES OUTSTANDING, DECEMBER 31, 1919

Series.	Principal Outstanding.	Annual Payment.	
		Principal.	Interest.
	$ cts.	$ cts.	$ cts.
Imperial Rolling Stock Company, Ltd.—			
Series "V"	300,000 00	300,000 00	13,500 00
" "A-1"	556,000 00	368,000 00	20,880 00
" "B-1"	300,000 00	150,000 00	11,823 75
" "C-1"	550,000 00	220,000 00	22,275 00
" "D-1"	825,000 00	330,000 00	33,412 50
" "E-1"	630,000 00	210,000 00	25,987 50
" "F-1"	1,480, 00 00	420,000 00	61,875 00
" "G-1"	385,000 00	110,000 00	16,087 50
" "H-1"	310,000 00	80,000 00	14,500 00
" "K-1"	1,055,000 00	210,000 00	50,125 00
" "L-1"	920,000 00	132,000 00	44,350 00
Canadian Northern Rolling Stock Co., Ltd.—			
Series "A"	4,250,000 00	750,000 00	232,500 00
" "B"	6,750,000 00	750,000 00	393,750 00
" "C"	7,125,000 00	750,000 00	416,250 00
" "D"	7,500 000 00	750,000 00	438,750 00
	32,936,000 00	5,530,000 00	1,796,066 25

Total Cost of Equipment Purchased	$ 99,050,506 00
Equipment Notes Outstanding	32,936,000 00
Net Expenditure on Equipment	$ 66,114,506 00

SESSIONAL PAPER No. 20

CANADIAN NORTHERN RAILWAY SYSTEM

SECURITIES PLEDGED AS COLLATERAL, DECEMBER 31, 1919

Guaranteed Securities.	$ cts.	$ cts.
C.N.R., 4% Gtd. Dom. Govt.	27,806,334 00	
C.N. Alta., 3½% Gtd. Dom. Govt.	3,569,996 86	
C. N. Ont., 3½% Gtd. Dom. Govt.	1,540,003 13	
		32,916,333 99
C.N. Man., 4½% Prov. of Man.	160,680 00	
C.N.R., 4% Prov. of Alta.	4,139,698 60	
C.N.R. 4 % Prov. of Sask.	5,679,400 00	
C.N. Pac., 4% B.C. Govt.	4,587,996 46	
C.N. Pac., 4½ Br. Lines B.C. Govt.	5,543,527 54	
C.N. Pac., 4½% 2nd Charge D.S. B. C. Govt.	4,999,998 73	
C.N. Sask., 4½% Saskatchewan	1,174,813 33	
C.N. Sask., 4½% Saskatchewan (Terminals)	486,666 66	
C.N.R. 4% Prov. of Man.	1,460,000 00	
		28,232,781 32
		61,149,115 31
Unguaranteed Securities.		
C.N.R., 4% P.C.D.S.	17,211,102 93	
C.N.R., 4½% Prince Albert Branch	218,000 00	
C.N.R., 4% Pas Mission	880,000 00	
C.N.O., 4% P.C.D.S.	3,934,797 31	
C.N.Q., 4% P.D.S.	184,758 13	
D. W. & P. Ry., 4% D.S.	1,216,910 00	
Q. & L. St. J., 4% 1st Mtge. Stock	127,798 67	
H. & S.W. Ry., 3½% D.S.	1,216,666 66	
C.N.R., 4½% Gunflint Branch	641,000 00	
N. St. C. & T. Ry., 5% 1st Mtge. Bonds	406,000 00	
N. St. C. & T. Ry., 5% 2nd Mtge. Bonds	536,500 00	
Mt. Royal T. & T., 5% Rent Charge Bonds	9,193,133 33	
C.N.R., 5% Land Mtge. Debs.	9,822,393 32	
C.N.R., 5% Income Charge Convertible D.S.	860,392 60	
Q. & L. St. J., 5% 1st Mtge. Bonds	31,390 00	
Jas. Bay & E. Ry., 5% 1st Mtge. Bonds	300,000 00	
Toronto Eastern Ry.	700,000 00	
		47,480,842 95
Land Grants.		
C.N.Q. Ry. Land Grant 391,460 acres.	1,174,380 00	
C.N.O. Ry. Land Grant, 2,000,000 acres.	4,536,931 00	
		5,711,311 00
		114,341,269 26

OPERATING REVENUE, OPERATING EXPENSES AND NET EARNINGS.

YEAR ENDED DECEMBER 31, 1919—COMPARED WITH PREVIOUS FISCAL YEAR.

OPERATING REVENUES

Per cent	1919	Class	1918	Per cent
	$ cts.		$ cts.	
20·12	10,775,708 46	Passenger	7,824,444 44	16·54
73·14	39,175,552 09	Fraight	36,735,869 46	77·65
0·70	374,926 26	Mails	245,187 12	0·52
2·26	1,209,645 65	Express	964,617 55	2·04
3·78	2,026,345 11	Miscellaneous	1,539,893 34	3·25
100·00	53,562,177 57	Total	47,310,011 91	100·00

OPERATING EXPENSES.

Per cent	1919	Class	1918	Per cent
	$ cts.		$ cts.	
26·49	15,905,058 62	Maintanance of Way and Structures	9,060,264 79	20·56
19·27	11,569,896 52	Maintenance of Equipment	8,498,673 11	19·29
1·72	1,031,282 13	Traffic Expenses	797,181 68	1·81
48·31	29,002,877 63	Transportation Expenses	23,907,348 28	54·26
1·60	958,449 37	Miscellaneous Operations	576,071 12	1·31
2·61	1,566,459 65	General Expenses	1,223,410 96	2·77
100·00	60,034,023 92	Total	44,062,949 94	100·00

SUMMARY OF REVENUES AND EXPENSES.

Per cent	1919	Class	1918	Per cent
	$ cts.		$ cts.	
	53,562,177 57	Operating Revenues	47,310,011 91	
112·08	60,034,023 92	Operating Expenses	44,062,949 94	93·13
12·08	6,471,846 35	Net Eaenings	3,247,061 97	6·87
100·00				100·00

DESCRIPTION OF FREIGHT CARRIED.

		For the Year ended Dec. 31		
		1919	1918	1917
Flour	Sacks (100 lbs. each()	8,978,640	8,904,498	7,138,927
Grain	Bushels	91,373,574	93,985,078	112,971,191
Live Stock	Head (all kinds)	834,991	654,583	609,409
Logs and Lumber	Feet (M.F.)	1,928,698	1,614,829	1,970,656
Firewood	Cords	329,138	362,118	334,489
Coal	Tons	2,174,207	2,373,985	2,126,334
Immigrants' effects	Cars	4,728	5,279	3,958
Building material (lime, stone, Brick, sand, etc.)	Cars	34,076	29,794	33,340
Miscellaneous	Tons	3,142,961	4,048,065	4,269,115

EARNINGS, EXPENSES AND NET EARNINGS.

PER MILE OPERATED FOR YEARS ENDED DECEMBER 31.

Year	Average Miles Operated	Earnings	Expenses	Net Earnings
		$ cts.	$ cts.	$ cts.
1917	9·433	4,396 27	3,607 19	+ 789 08
1918	9,452	5,005 29	4,661 76	+ 343 53
1919	9,636	5,558 55	6,230 18	671 63

FIXED CHARGES PER MILE OF LINE.

	1919	1918	1917
	$ cts.	$ cts.	$ cts.
Amount required per mile of road to pay fixed charges (including leased lines)	2,072 41	1,893 60	1,695 24

PASSENGER, FREIGHT AND MISCELLANEOUS STATISTICS.

FOR YEARS ENDED DECEMBER 31.

	1919	1918	1917
PASSENGER TRAFFIC.			
Passengers Carried (Earning Revenue)	4,925,547	4,114,965	4,503,958
Passengers Carried one mile	344,773,029	288,067,800	293,322,255
Passengers Carried one mile per mile of road	36,256	30,477	31,425
Average distance carried	70·00	70·01	65·13
Total Passenger Revenue $	9,629,460 01	7,128,141 55	6,437,305 25
Average amount received per passenger $	1·95,500	1·73,225	1·42,925
Average amount received per passenger per mile Cts.	·2,793	·2,474	2·194
Total Passenger Train Earnings $	11,811,612 85	8,783,084 63	7,970,489 84
Passenger Train Earnings per train mile $	1·53,575	1·28,903	1·14,649
FREIGHT TRAFFIC.			
Revenue Tons carried	12,439,314	13,289,641	13,834,676
Revenue Tons carried one mile	4,046,023,363	4,021,275,963	4,328,241,986
Revenue Tones carried ope mile per mile of road	425,472	425,442	463,707
Average distance haul of one ton	325·26	302·59	312·86
Total Freight Revenue $	38,276,419 06	35,674,816 63	31,134,034 68
Average amount received for each ton of freight $	3·07,705	2·68,441	2·25,043
Average Revenue per ton per mile Cts.	·946	·887	·719
Total Freight Train Earnings $	39,010,667 80	36,719,136 76	31,937,926 59
Freight Train Earnings per train mile $	3·34,877	3·24,220	2·69,118
TRAIN MILEAGE.			
Mileage of Passenger Trains	5,864,271	5,004,607	5,037,334
Mileage of Freight Trains	9,822,281	9,556,238	9,952,918
Mileage of Mixed Trains	1,826,898	1,769,124	1,914,725
EXPENSES PER TRAFFIC TRAIN MILE.			
Maintenance of Way and Structures Cts	89·45	54·67	41·28
Maintenance of Equipment Cts.	65·05	51·12	35·39
Traffic Expenses Cts.	5·82	4·79	4·52
Transportation Expenses, Rail $	1·61·96	1·43·69	1·05·83
Transportation Expenses, Water Cts.	0·11	.....	.....
Miscellaneous Operations Cts.	5·34	3·52	3·23
General Expenses Cts.	8·51	7·10	7·42
Total $	3·36·24	2·64·89	1·97·67

OPERATIONS OF ELECTRIC LINES NOT INCLUDED IN ABOVE STATEMENT.

	1919	1918	1917
ELECTRIC LINE STATISTICS.			
Passengers Carried (Earning Revenue)	11,281,694	6,036,625	5,859,032
Total Passenger Revenue.....$	909,965 72	504,319 84	441,675 72
Revenue Tons Carried	383,130	409,704	423,642
Total Freight Revenue.....$	280,489 07	252,746 20	225,809 38

SUMMARY OF EQUIPMENT.

	At December 31			
	1919	1918	1917	1916
Locomotives	850	788	735	740
Sleeping and dining cars	114	116	116	117
Passenger coaches	741	596	624	635
Baggage, mail and express cars	277	191	187	190
Business cars	26	25	22	22
Freight, refrigerator and stock cars	37,457	31,828	29,489	29,368
Conductors' vans	438	426	443	454
Boarding, tool, auxiliary cars, steam shovels and snow equipment	1,775	1,676	1,520	1,272

MILES OF RAILWAY

The total mileage operated at the close of the fiscal year ended December 31, 1919, including lines owned and leased, was 9,685·7 miles, made up as follows:—

CENTRAL DISTRICT—WEST OF PORT ARTHUR

Division No. 3—		
Port Arthur to Paddington Junction	435·1	
Twin City to North Lake	58·1	
Emerson to South Junction	71·6	
Duluth Junction to River (D.W. & P.)	1·5	
		566·3
Division No. 4—		
Portage Junction to Emerson	63·4	
Morris to Somerset	62·2	
St. James to Gypsumville	156·7	
Grosse Isle to Hodgson	80·7	
Greenway to Deloraine	79·7	
Paddington Junction to Victoria Beach and Grand Beach	72·6	
Carman Junction to Belmont	118·8	
Steep Rock Junction to Steep Rock	12·0	
De Lourdes Branch	2·6	
Winnipeg Transfer tracks	1·2	
Dundee Branch	4·0	
Paddington Junction to Woodward Avenue	4·2	
		658·1
Division No. 5—		
Woodward Avenue to Dauphin	175·6	
Delta Junction to Delta	14·8	
Oakland to Amaranth	44·0	
Arizona Junction to Brandon	78·8	
Neepawa Junction to McCreary Junction	70·4	
Brandon Junction to Carberry Junction	22·9	
Ressburn Junction to Ross Junction	190·6	
Hallboro to Beulah	75·0	
Ochre River to End of Track	15·0	
Wroxton to Willowbrook	41·0	
Totogan Junction to Totogan	1·8	
		729·9

PRAIRIE DISTRICT

Division No. 1—

Brandon to Regina	220·3	
Maryfield to Radville	139·8	
Luxton to Estevan	24·9	
M. & B. Junction to Hartney Junction	38·0	
Belmont to Virden	91·9	
Radville to Bengough	45·2	
Moosejaw Junction to Moosejaw	85·8	
Gravelbourg Junction to Gravelbourg	78·6	
		724·5

Division No. 2—

Dauphin to Humbolt	247·3	
North Junction to Prince Albert	360·5	
Sifton Junction to Winnipegosis	20·7	
Thunderhill Junction to Preeceville	72·1	
Hudson Bay Junction to The Pas	87·5	
Melfort to St. Brieux	21·5	
Canora to Sturgis Junction	21·7	
		831·3

Division No. 3—

Regina to East Prince Albert	249·3	
Saskatoon to Kindersley	126·1	
Delisle to Dunblane	59·4	
Elrose Junction to Glidden	104·0	
Humbolt to North Battleford	147·6	
Dalmeny to Carlton	35·8	
Prince Albert to Denholm	116·5	
Shellbrook to Big River	56·5	
Craven Junction to Craven	4·4	
		899·6

WESTERN DISTRICT

Division No. 1—

North Battleford to Turtleford	55·7	
Battleford Junction to Battleford	8·0	
Edmonton Junction to Stoney Plains	19·4	
St. Albert to Athabasca	85·8	
Edmonton and South Edmonton Terminals	11·1	
Peace River Junction to Sangudo	33·4	
Vegreville Junction to Big Valley	125·3	
Warden to Brazeau	174·0	
Terminal Junction to Camrose Junction	45·8	
S. E. Junction to Alliance	59·3	
North Battleford to Lobstick Junction	331·0	
		948·8

Division No. 2—

Kindersley to Calgary	273·4	
Big Valley to Munson Junction	36·0	
Junction with New Branch Line to 50 2 M.P.	50·2	
		359·6

PACIFIC DISTRICT

Lobstick Junction to Chip Lake	13·2	
Chip Lake to Obed	77·5	
Obed to Snaring	59·1	
Snaring to Geikie	20·6	
Geikie to Red Pass Junction	34·8	
Red Pass Junction to Blue River	88·7	
Blue River to Kamloops	142·2	
Kamloops to Boston Bar	125·6	
Boston Bar to New Westminster	118·7	
New Westminster to Vancouver	13·1	
Victoria to Patricia Bay	15·5	
		709·0

ONTARIO DISTRICT—EAST OF PORT ARTHUR

Toronto Division—		
Toronto (Union Station) to Rosedale	3·8	
Rosedale to Parry Sound	145·2	
Udney to Orillia	10·2	
Todmorden to Trenton	105·0	
Trenton to Wallace	117·6	
Ormsby Junction to Coe Hill	7·2	
York River to Howland	51·0	
Belmar to Cordova	2·6	
Bessemer Junction to Bessemer	4·8	
Oshawa to Oshawa Town	2·4	
		456·8
Ottawa Division—		
Trenton to Rideau Junction	139·7	
Rideau Junction to Hurdman	6·0	
Picton to Trenton	30·6	
Yarker to Bannockburn	54·5	
Harrowsmith to Kingston	18·6	
Brockville to Westport	44·4	
Rideau Junction to Brent	157·8	
Riverside to Ottawa (Union Station)	1·7	
		453·3
Nipissing Division—		
Brent to Capreol	144·8	
Parry Sound to Capreol	127 v	
Key Junction to Key Harbour	6·2	
Garson Junction to Garson	3·7	
Sudbury Junction to Sudbury	5·2	
Capreol to Foleyet	148·3	
Sellwood Junction to Sellwood	4·7	
Algoma Eastern Railway Connection	2·4	
		442·3
Superior Division—		
Foleyet to Hornepayne	148·1	
Hornepayne to Jellicoe	150·5	
Jellicoe to Port Arthur	147·9	
		446·5

QUEBEC DISTRICT

Montreal Division—		
Montreal (Tunnel Station) to Lazard	7·3	
Lazard to Hurdman	104·3	
Montreal (St. Catherine St.) to Joliette	36·3	
Joliette to Quebec	139·8	
Paradis to Rawdon	15·7	
Aldred Junction to Shawinigan Falls	3·8	
Rivière-à-Pierre Junction to Garneau Junction	39·7	
Joliette to Grenville	66·0	
Rinfret to Huberdeau	45·3	
Arundel to China Clay Mine	9·2	
St. Marc Quarries Spur	1·9	
		469·3
Saguenay Division—		
Hedley Junction to Lake Edward	109·9	
Lake Edward to Chicoutimi	115·1	
Linton Junction to La Tuque	39·6	
Chambord Junction to St. Felicien	29·7	
Loretteville to Stoneham	10·0	
Valcartier to Clarks	5·4	
Montmorency Junction to Mont. Mills	7·2	
		316·9

NOVA SCOTIA DISTRICT.

Halifax to Southwestern Jct	6·0	
Southwestern Jct. to Liverpool	110·2	
Liverpool to Yarmouth	136·2	
Mahone Junction to Lunenburg	7·0	
Bridgewater Junction to Port Wade	92·5	
Caledonia Junction to Caledonia	22·1	
Middleton Junction to Middleton	0·6	
		374·6

MINNESOTA DISTRICT.

Duluth to D.W. & P. Junction	3·6	
D.W. & P. Junction to North Jct. via Loop	75·5	
South Junction to Ranier (River)	93·6	
		172·7
		9,559·5

ELECTRIC LINES IN PROVINCE OF ONTARIO.

Port Dalhousie to Niagara Falls	17·5	
Thorold to Port Colborne	18·6	
Niagara Falls to Fallsview	4·6	
St. Catharines to Niagara-on-the-Lake	12·2	
Local lines at St. Catharines, Thorold and Merritton	8·7	
		61·6
Toronto to Woodbridge	12·0	
Toronto to Lambton	2·1	
Lambton to Guelph	46·3	
Local lines in Toronto	4·2	
		64·6
Total mileage operated		9,685·7

LOCATED AS FOLLOWS:

Province of Nova Scotia	374·6	
Province of Quebec	729·4	
Province of Ontario	2,324·6	
Province of Manitoba	1,995·7	
Province of Saskatchewan	2,219·1	
Province of Alberta	1,295·4	
Province of British Columbia	530·5	
State of Minnesota	216·4	
Total mileage		9,685·7
Average miles operated for fiscal year		9,636

SUMMARY OF MILEAGE

Mileage owned by Canadian Northern Railway system			9,183·1
Joint running rights, etc.—			
Toronto to Rosedale	G.T.R.	3·8	
Grand Trunk Crossing, Orillia	C.P.R.	2·8	
Harrowsmith to Kingston	C.P.R.	18·6	
Riverside to Ottawa Union Station	G.T.R.	1·7	
Current River to Port Arthur	C.P.R.	2·1	
C.N. Junction to Regina	C.P.R.	0·8	
Chip Lake to Obed	G.T.P	77·5	
Snaring to Geikie	G.T.P.	20·6	
New Westminster to Vancouver	Gr. Nor.	13·1	
Halifax to Southwestern Junction	C.G.R.	6·0	
Middleton Junction to Middleton	D.A.R.	0·6	
Duluth to D.W. & P. Jct.	Nor. Pac.		
	C. St. P.		
	M. & O.	3·6	
Otway to Ullen (Brazeau)	C.P.R.	4·1	
			155·3
Lines leased—			
Northern Pacific in Manitoba		347·3	
			347·3
Total mileage operated			9,685·7

CANADIAN GOVERNMENT RAILWAYS

REPORT OF F. P. BRADY, GENERAL MANAGER, FOR YEAR ENDED MARCH 31, 1920.

Intercolonial Railway

CAPITAL ACCOUNT

The cost of the road and equipment on March 31, 1919	$136,654,196 63
The expenditure during the year 1919-20	4,337,512 44
Making the total cost on March 31, 1920	$140,991,709 07

The gross earnings and working expenses for the year compare as follows:—

Gross earnings—I.C.R. rail account		$ 27,765,252 61
Water account		591,332 25
		$ 28,356,584 86
Working expenses, I.C.R. rail account	$30,249,945 74	
Water account	447,778 00	
	$30,697,723 74	
N.B. and and P.E.I. Ry (interest)	3,540 00	
Vale Railway (rental)	2,400 00	
		$ 30,703,663 74
Working expenses over gross earnings (deficiency)		$ 2,347,078 88

REVENUE

The gross earnings, including water line, compare as follows with those of the previous year:—

1918-19 (Water Line, $538,966.83)	$ 26,435,343 78
1919-20 (" " 591,332.25)	*28,356,584 86
Increase	$ 1,921,241 08

The earnings from passenger traffic (rail) compare as follows:—

1918-19	$ 6,956,516 45
1919-20	9,174,416 83
Increase	$ 2,217,900 38

The earnings from freight traffic, including water line, compare as follows:—

1918-19 (Water Line, $538,966.83)	$ 18,137,174 72
1919-20 (" " 591,332.25)	15,927,225 12
Decrease	$ 2,209,949 60

Miscellaneous earnings, including mails and express, compare as follows:—

1918-19	$ 1,341,652 61
1919-20	1,512,711 52
Increase	$ 171,058 91

* Included in this amount is item of $1,742,231.39 for hire of equipment.

The rail earnings per mile of railway compare as follows:—

1918-19	$	16,559 80
1919-20		17,754 88
Increase	$	1,195 08

The earnings per train mile compare as follows:—

1918-19	$	3 07
1919-20		3 43
Increase	$	36

The number of passengers carried compare as follows:—

1918-19	4,606,538
1919-20	5,235,213
Increase	628,675

The weight of revenue-producing freight compares as follows:—

1918-19 ..tons	9,097,677
1919-20 ..tons	6,693,835
Decrease ..tons	2,403,842

A number of statements which give detailed information are appended to this report.

WORKING EXPENSES

1918-19 (Water Line, $546,503.11)	$	28,242,111 11
1919-20 (" " 447,778.00)		30,697,723 74
Increase	$	2,455,612 63

The averages, not including water line, compare with those of last year as follows:—

Per mile run by engine in 1918-19	$	2 38
" " " " 1919-20		2 75
" " train " 1918-19		3 28
" " " " 1919-20		3 74

The working expenses per mile of railway, not including water line, were as follows:—

1918-19	$	17,710 34
1919-20		19,343 74
Increase	$	1,633 40

The mileage of the railway for the year 1919-20 was 1,563·81 miles, including Vale Railway (5·95 miles) and N.B. and P.E.I. Railway (36·05 miles).

STORES

The value of general stores in the Canadian Government Railways carried over from the previous years was	$	11,497,649 13
The value of stores purchased and charged from other departments was		22,634,751 31
Total of	$	34,132,400 44
The value of stores used and sold		25,985,407 20
Balance of general stores on hand, March 31, 1920	$	8,146,993 24

Prince Edward Island Railway

The length of railway in operation at the end of the year 1919-20 was 276·29 miles. The gauge is 3 feet 6 inches. On 61·00 miles of railway there is multiple rail laid for standard gauge.

The cost of road and equipment to March 31, 1919	$ 12,562,309 97
The expenditure during the year 1919-20	186,802 03
Making the total cost on March 31, 1920	$ 12,749,112 00
Gross earnings	$ 921,456 52
Working expenses	1,543,858 45
Deficiency	$ 622,401 93

The gross earnings compare with the previous year as follows:—

1918-19	$ 741,514 58
1919-20	921,456 52
Increase	$ 179,941 94

The working expenses compare with the previous year as follows:—

1918-19	$ 1,596,049 91
1919-20	1,543,858 45
Decrease	$ 52,191 46

The necessary work to maintain the railway in a state of efficiency, the renewing of the track and switch ties, and ballasting of several miles of track, has been carried out.

New Brunswick and Prince Edward Island Railway

The cost of road and equipment to March 31, 1919	$ 517,655 57
The expenditure during the year 1919-20	11,725 75
Making the total cost on March 31, 1920	$ 529,381 32

An amount of $3,540.00 was paid as interest. The mileage of the railway in 1919-20 was 36·05 miles.

International Railway of New Brunswick

The expenditure on road and equipment to March 31, 1919	$ 90,881 80
The expenditure during the year 1919-20	2,767,512 89
Making the total cost on March 31, 1920	$ 2,858,394 69

Gross earnings and working expenses to March 31, 1920, compare as follows:—

Gross earnings	$ 176,916 92
Working expenses (including $45,000 interest charges)	496,742 39
Deficiency	$ 319,825 47

The mileage of the rail was 105·73 miles.

National Transcontinental Railway

This line extends from Moncton to Winnipeg and is 2,006·58 miles in length, which includes the Grand Trunk Pacific branch line from Fort William to Superior Junction (191·69 miles).

The cost of the National Transcontinenal Railway to March 31, 1919.	$165,128,741 75
Expenditure during 1919-20..	1,569,903 89
Making total cost on March 31, 1920..	$166,698,645 64

The gross earnings compare with the previous year as follows:—

1918-19..	$ 10,412,407 56
1919-20..	11,647,082 11
Increase..	$ 1,234,674 55

The working expenses compare with the previous year as follows:—

1918-19..	$ 13,028,381 49
1919-20..	14,632,451 71
Increase..	$ 1,604,070 22

The gross earnings and working expenses to March 31, 1920, compare as follows:—

Gross earnings..	$ 11,647,082 11
Working expenses (including $600,000 rental Lake Superior Branch).	14,632,451 71
Deficiency..	$ 2,985,369 60

Moncton and Buctouche Railway

This railway extends from Moncton to Buctouche and is 29·93 miles in length.

The expenditure on capital accounts, March 31, 1919..	$ 37,829 81
The expenditure during the year 1919-20..	62,201 72
Making the total cost on March 31, 1920..	$ 100,031 53
Gross earnings..	$ 50,340 54
Working expenses..	116,720 28
Deficiency..	$ 66,379 74

Salisbury and Albert Railway

This railway extends from Salisbury to Albert and is 44·77 miles in length.

The expenditure on capital account to March 31, 1919..	$ 42,304 58
The expenditure during the year 1919-20..	85,478 13
Making the total cost to March 31, 1920..	$ 127,782 71
Gross earnings..	$ 59,549 16
Working expenses..	153,403 32
Deficiency..	$ 93,854 16

Elgin and Havelock Railway

This railway extends from Petitcodiac to Havelock and from Petitcodiac to Elgin and is 26·11 miles in length.

The expenditure on capital account to March 31, 1919	$	47,209 98
The expenditure during the year 1919-20		24,230 24
Making the total cost on March 31, 1920	$	71,440 22
Gross earnings	$	22,388 82
Working expenses		63,961 72
Deficiency	$	41,572 90

St. Martins Railway

This railway extends from Hampton to St. Martins and is 28·73 miles in length.

The expenditure on capital account to March 31, 1919	$	34,566 47
The expenditure during the year 1919-20		90,382 76
Making the total cost on March 31, 1920	$	124,949 23
Gross earnings	$	17,696 24
Working expenses		72,483 52
Deficiency	$	54,787 28

York and Carleton Railway

This railway extends from Cross Creek to Stanley and is 6·25 miles in length.

The expenditure on capital account to March 31, 1919	$	7,250 60
The expenditure during the year 1919-20		13,958 34
Making the total cost on March 31, 1920	$	21,208 94
Gross earnings	$	9,111 15
Working expenses		29,755 99
Deficiency	$	20,644 84

St. John and Quebec Railway

The gross earnings and working expenses for year ended March 31, 1920, compare as follows:—

Gross earnings	$	140,935 04
Working expenses		289,009 08
Deficiency	$	148,074 04
In addition to the above amount (40 per cent of gross earnings) charged to income account (rental) was		98,599 66
Total deficiency for 1919-20	$	246,673 70

Of the amount $98,599.66 charged, $56,378.16 paid.
The mileage from St. John to Centreville is 172·07 miles.

CANADIAN GOVERNMENT RAILWAYS

Purchase of Rolling Stock

STATEMENT SHOWING MISCELLANEOUS ROLLING STOCK CHARGED AGAINST $35,000,000 VOTE FISCAL YEAR ENDING MARCH 31, 1920

Locomotives		$ 5,914 28
Freight cars—		
30-ton box (Conv.)	$ 92,580 61	
40-ton box	977,702 50	
50-ton Hart Conv. (Constr.)	346,092 90	
Gas transport tanks	7,390 00	
		1,423,766 01
Passenger—		
Café coach (Conv.)	$ 5,300 00	5,300 00
Work equipment	151,989 02	151,989 02
Miscellaneous	800 00	800 00
		$ 1,587,769 31

Movement of Militia

For year ended March 31, 1920. 396 special trains were run to accommodate 144,575 troops returning from overseas. In addition to the above 100,788 were transported on regular trains. During the same period 13 special trains were run for the handling of 3,270 invalid soldiers. Sixty-nine special trains were required to handle 47,075 Coolies.

Fatal Accidents

The number of fatal accidents on the Canadian Government Railways amounted to fifty-three, of which twenty-six were employees, one passenger and twenty-six others, the railways being exonerated in every case except one.

CANADIAN GOVERNMENT RAILWAYS

Statement of Averages, Year ending March 31, 1920

	Inter-colonial Railway.	Prince Edward Island Railway.	Inter-national Railway.	National Trans-continental Railway.	Moncton and Buctouche Rail-way.	Elgin and Have-lock Railway.	St. Martins Railway.	York and Carle-ton Railway.	Salis-bury and Albert Railway.	Canadian Government Railways.	St. John and Quebec Railway.
Mileage of railway	1,563 81	276·29	105·73	2,006·58	29·93	26·11	28·73	6·25	44·77	4,088·20	x145·97
Total engine mileage	11,007,291	528,606	144,378	4,148,650	25,123	20,771	20,890	14,091	47,684	15,957,484	111,010
Total train mileage	8,083,278	393,194	128,000	3,418,573	20,102	16,863	16,926	7,451	40,686	12,125,073	98,672
Total car mileage	129,158,592	2,399,249	746,479	86,085,877	120,179	52,188	47,576	18,593	221,197	218,849,930	598,123
Earnings—											
Transportation—Rail	$ cts. 25,872,439 69	$ cts. 903,815 36	$ cts. 176,916 92	$ cts. 11,510,162 04	$ cts. 50,340 54	$ cts. 22,388 82	$ cts. 17,696 24	$ cts. 9,111 15	$ cts. 59,549 16	$ cts. 38,622,419 92	$ cts. 140,935 04
" Water	591,332 25									591,332 25	
Incidentals	1,892,812 92	17,641 16		136,920 07						2,047,374 15	
Total	28,356,584 86	921,456 52	176,916 92	11,647,082 11	50,340 54	22,388,82	17,696 24	9,111 15	59,549 16	41,261,126 32	140,935 04
Operating expenses—											
Transportation—Rail	30,249,945 74	1,543,858 45	496,742 39	14,632,451 71	116,720 28	63,961 72	72,483 52	29,755 99	153,403 32	47,359,323 12	x289,009 08
" Water	447,778 00									447,778 00	
Total	30,697,723 74	1,543,858 45	496,742 39	14,632,451 71	116,720 28	63,961 72	72,483 52	29,755 99	153,403 32	47,807,101 12	289,009 08
Ratio of Earnings to Gross Earnings—											
Earnings from transportation—Rail	91 24	98 09	100 00	98 82	100 00	100 00	100 00	100 00	100 00	93 61	100 00
" " Water	2 09									1 43	
" Incidentals	6 67	1 91		1 18						4 96	
Earnings per mile	17,754 88	3,335 11	1,673 29	5,804 44	1,681 94	857 48	516 95	1,457 79	1,330 11	9,948 09	965 51
" engine mile	2 52	1 74	1 23	2 81	2 00	1 08	0 85	0 65	1 25	2 55	1 27
" train mile	3 43	2 34	1 38	3 41	2 50	1 33	1 05	1 22	1 46	3 35	1 43
" car mile	21 50	38 41	23 70	13 53	41 89	42 90	37 20	49 00	26 92	18 58	23 56
Ratio of Expenses to Gross Earnings—											
Rail	p.c. 108·95	p.c. 167·55	p.c. 280·78	p.c. 125·63	p.c. 231·86	p.c. 285·69	p.c. 409·60	p.c. 326·59	p.c. 257·61	p.c. 116·45	p.c. 205·07
Water	75·72									75·72	
Expenses per train mile	$ cts. 3 75	$ cts. 3 93	$ cts. 3 88	$ cts. 4 28	$ cts. 5 81	$ cts. 3 79	$ cts. 4 28	$ cts. 3 99	$ cts. 3 77	$ cts. 3 91	$ cts. 2 93
Expenses per mile of railway	$ cts. 19,343 74	$ cts. 5,587 82	$ cts. 4,698 22	$ cts. 7,292 23	$ cts. 3,899 78	$ cts. 2,449 70	$ cts. 2,522 92	$ cts. 4,760 96	$ cts. 3,426 48	$ cts. 11,580 44	$ cts. 1,979 92
Repairs of locomotives	$ cts. 2,151,123 99	$ cts. 76,696 66	$ cts. 34,423 95	$ cts. 910,189 49	$ cts. 5,117 62	$ cts. 3,693 07	$ cts. 1,395 15	$ cts. 1,694 09	$ cts. 6,142 84	$ cts. 3,190,386 86	$ cts. 16,573 32
" freight cars	1,648,608 91	25,753 17	9,557 50	1,082,479 98	1,213 77	557 25	520 30	118 06	2,764 80	2,771,573 74	21 14
" passenger cars	1,008,605 38	29,923 98	6,068 44	428,495 77	1,667 18	583 59	593 82	393 02	1,978 23	1,478,309 41	1,371 46
Cost of repairs per locomotive	4,922 48	2,840 62	5,737 32	4,643 82	2,558 81	3,603 07	1,395 15	1,694 09	3,071 42	4,740 55	2,762 22
" freight car	117 67	41 21	20 78	98 93	121 38	55 72	65 04	16 87	41 89	106 03	
" passenger car	1,847 26	490 56	1,213 69	2,581 30	833 59	583 59	593 82	196 51	989 11	1,880 80	228 58

x 6 mos. 119·87, 6 mos. 172·07, average mileage for year.

xDoes not include 40% Gross Earnings paid to St. John and Quebec Ry. Co.

CANADIAN GOVERNMENT RAILWAYS

SUMMARY of the Passenger and Freight Traffic of the Canadian Government Railways and St. John & Quebec Railway,

Year ending March 31, 1920

	Inter-colonial Railway.	Prince Edward Island Railway.	International Railway of New Brunswick.	National Trans-continental Railway.	Moncton and Buctouche Railway.	Salisbury and Albert Railway.	Elgin and Havelock Railway.	St. Martins Railway.	York and Carleton Railway.	Canadian Government Railways.	St. John and Quebec Railway.
	$ cts.	$ cts	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Passenger traffic	9,174,416 83	287,097 17	61,398 01	2,058,866 62	20,448 61	12,034,28	5,401 27	5,918 50	2,625 99	11,628,207 28	56,172 99
Freight traffic	15,335,892 87	557,294 11	122,332 05	9,310,788 64	30,145 64	49,403 97	16,882 63	11,347 70	6,730 44	25,440,818 05	106,049 91
Mails, express, etc	1,512,711 52	84,587 95	5,629 06	102,570 06	1,667 09	3,641 71	1,262 32	1,344 44	190 72	1,713,604 87	5,470 41
Total	26,023,021 22	928,979 23	189,359 12	11,472,225 32	52,261 34	65,079 96	23,546 22	18,610 64	9,547 15	38,782,630 20	167,693 31
Ocean service	591,332 25									591,332 25	
Total	26,614,353 47	928,979 23	189,359 12	11,472,225 32	52,261 34	65,079 96	23,546 22	18,610 64	9,547 15	39,373,962 45	167,693 31
Hire of equipment	1,742,231 39	7,522 71	12,742 20	174,856 79	1,920 80	5,530 80	1,157 40	914 40	436 00	1,887,163 87	26,758 27
Net revenue	28,356,584 86	921,456 52	176,916 92	11,647,082 11	50,340 54	59,549 16	22,388 82	17,696 24	9,111 15	41,261,126 32	140,935 04
Passenger Statement.											
Local traffic—											
Number of passengers	4,749,575	382,397	29,624	1,056,147	31,927	16,531	16,241	10,911	11,004	6,304,357	66,739
Mileage	176,326,988	9,269,245	976,573	33,309,879	755,365	694,263	181,272	192,438	62,311	221,468,334	1,780,731
Through traffic—											
Number of passengers	485,638	43,576	17,778	111,749	11	24	15	2	11	658,804	1,804
Mileage	171,571,380	2,213,031	877,207	49,397,105	275	952	207	60	100	224,060,317	104,546
Total number of passengers	5,235,213	425,973	47,402	1,167,896	31,938	16,555	16,256	10,913	11,015	6,963,161	68,543
Total mileage	347,898,368	11,482,276	1,853,780	82,706,984	755,640	395,215	181,479	192,498	62,411	445,528,651	1,885,277
Freight Statement.											
Local traffic—											
Tons	3,308,616	75,451	16,622	815,058	21,590	46,701	17,898	11,809	9,167	4,322,912	23,021
Mileage	557,341,195	3,060,046	746,385	255,330,893	477,195	1,201,244	207,756	191,938	54,954	818,611,606	716,095
Through traffic—											
Tons	3,385,219	176,948	90,362	3,279,453	1,555	17,355	1,032	401	537	6,952,862	60,805
Mileage	1,051,198,617	10,036,805	4,961,504	1,143,254,640	43,765	446,402	13,264	10,639	3,195	2,209,968,831	2,977,574
Total tons	6,693,835	252,399	106,984	4,094,511	23,145	64,056	18,930	12,210	9,704	11,275,774	83,826
Total mileage	1,608,539,812	13,096,851	5,707,889	1,398,585,533	520,960	1,647,646	221,020	202,577	58,149	3,028,580,437	3,693,669

CAPITAL ACCOUNT, YEAR ENDED MARCH 31, 1920.

1919	Dr.		$ cts.	$ cts.	1919	Cr.	$ cts.
	Intercolonial Railway.						
Mar. 31	To Cost of Intercolonial Railway to March 31, 1919			136,654,196 63	Mar. 31	By Dominion of Canada	352,283,414 79
	Construction and betterments		3,124,703 42				
	Halifax ocean terminals		1,183,718 10				
	Exchequer Court awards		32,554 64				
			4,340,976 16				
	Cr.						
	Point Tupper station	35 00					
	Land at Truro	86 41					
	Freight shed, Montmagny	72 16					
	Moncton round house	150 00					
	Previous years' expenditure	3,120 15	3,463 72	4,337,512 44			
				140,991,709 07			
	Prince Edward Island Railway.						
	To cost of Prince Edward Island Railway to March 31, 1919		12,562,309 97				
	Construction and betterments		186,802 03				
				12,749,112 00			
	New Brunswick and Prince Edward Island Railway.						
	To Cost of New Brunswick and Prince Edward Island Railway to March 31, 1919		517,655 47				
	Construction and betterments	15,265 75					
	Cr.						
	Previous year's expenditure	3,540 00					
			11,725 75				
				529,381 32			
	International Railway.						
	To Cost of International Railway to March 31, 1919		90,881 80				
	Construction and betterments	90,611 84					
	Purchase price	2,700,000 00					
		2,790,611 84					
	Cr.						
	Stores on hand	23,098 95					
			2,767,512 89				
				2,858,394 69			

National Transcontinental Railway.						
To Cost of National Transcontinental Railway to March 31, 1919		165,128,741 75				
Construction and betterments	1,442,059 68					
Pay claims for right of way	3,607 69					
Exchequer Court awards	126,446 52					
	1,572,113 89					
Dr.						
Sale of buildings	10 00					
Track scales, Reddett	2,200 00					
	2,210 00					
		1,569,903 89				
Moncton and Buctouche Railway.			166,698,645 64			
To Cost of Moncton and Buctouche Railway to March 31, 191		37,829 81				
Construction and betterments		62,201 72				
			100,031 53			
Salisbury and Albert Railway.						
To Cost of Salisbury and Albert Railway to March 31, 1919		42,304 58				
Construction and betterments		85,478 13				
			127,782 71			
St. Martin's Railway.						
To Cost of St. Martins Railway to March 31, 1919		34,566 47				
Construction and betterments	41,632 76					
On account of purchase price	48,750 00					
		90,382 76				
			124,949 23			
Elgin and Havelock Railway.						
To Cost of Elgin and Havelock Railway to March 31, 1919		47,209 98				
Construction and betterments		24,230 24				
			71,440 22			
York and Carleton Railway.						
To Cost of York and Carleton Railway to March 31, 1919		7,250 60				
Construction and betterments	458 34					
On account of purchase price	13,500 00					
		13,958 34				
			21,208 94			
Quebec and Saguenay Railway.						
To construction and betterments			253,613 00	1920 Mar. 31	By Dominion of Canada	10,991,090 50
Canadian Government Railways.						
Rolling stock to March 31, 1919		37,160,467 63				
Expenditure on rolling stock		1,587,769 31				
			38,748,236 94			
			363,274,505 29			363,274,505 29

CANADIAN GOVERNMENT RAILWAYS

REVENUE ACCOUNT, YEAR ENDED MARCH 31, 1920.

Working Expenses.	$ cts.	*Earnings.*	$ cts.
Maintenance of way and structure	12,231,324 57	Freight traffic	25,440,818 05
Maintenance of equipment	8,640,326 88	Passenger traffic	11,628,207 28
		Ocean traffic	591,332 25
Total	20,871,651 45	Mails, express, etc	1,713,604 87
Traffic expenses	542,196 67		
Transportation—Rail line	23,614,237 90		39,373,962 45
Transportation—Water line	447,778 00	Add:	
Miscellaneous operations	935,702 70	Hire of equipment	1,887,163 87
General expenses	744,594 40		
			41,261,126 32
Rental of leased roads—			
Transcontinental Railway $600,000 00			
N.B. & P.E.I. Railway 3,540 00			
International R.R. of New Brunswick 45,000 00			
Vale Railway 2,400 00			
	650,940 00	Balance	6,545,974 80
	47,807,101 12		47,807,101 12

GENERAL BALANCE, YEAR ENDED MARCH 31, 1920.

Dr.	$ cts.	Cr.	$ cts.
To general stores	8,146,993 24	By Dominion of Canada	19,263,185 88
Auditor's suspense	226,318 16	Freight in transit	181,213 31
Cash	0 02	Equipment renewals	1,055,972 34
Cash in transit	67,135 45	Canadian Government Railways Provident Fund	465,740 31
Loss and damage freight suspense	41,208 69	Apprentice Fund	1,173 03
Receiver General—Unclaimed wages	5,453 06	Fire renewal account	127,144 90
Receiver General—Apprentice fund	2,828 28	Rail renewal account	52,411 38
Receiver General—Provident Fund	2,695,276 09	Capital suspense—Overseas rails	733,949 85
Unclaimed freight	5,403 74	Capital suspense — Elgin and Havelock Railway	792 46
Rail Loan account	148,926 90	Capital suspense—York and Carleton Railway	165 18
Station agents	983,317 00	Capital suspense—St. Martin's Railway	1,736 96
War Savings and Thrift Stamps	11,419 62	Capital suspense—Moncton and Buctouche Railway	5,713 40
Capital suspense—International Railway	2,666 67	Capital suspense—Salisbury and Albert Railway	2,609 90
Capital suspense—Improvements at Fredericton	5,181 54	Dining and Sleeping Car Department—West	114 61
Capital suspense—St. John and Quebec Railway	9,136 79		
Capital suspense—Vale Railway	49,234 31		
Capital suspense—Land at Levis	3 30		
Capital suspense—Grand Trunk Pacific Railway	1,759 69		
Branch Lines Aid suspense	138,510 93		
Dining and Sleeping Car Department—East	74,708 23		
Restaurant suspense	3,684 08		
Victory Loan suspense	119,573 28		
Individuals and Companies ledger	6,967,349 65		
Traffic ledger	1,350,668 12		
Car Service ledger	155,907 73		
Rents ledger	5,747 31		
Advances	259,124 95		
Individuals and Companies Suspense ledger	114,386 68		
	21,891,923 51		21,891,923 51

CANADIAN GOVERNMENT RAILWAYS

GENERAL STORES ACCOUNT, YEAR ENDED MARCH 31, 1920.

Debit.		$ cts.	Credit.		$ cts.
To Balance, March 31, 1919		11,497,649 13	By issues during year ended March 31, 1920	$22,537,830 84	
Purchases during year ended Mar. 31, 1920	$17,118,722 84		Sales of material, fuel, etc	2,641,935 87	
Charges from other departments	5,059,850 82		Sales old material	805,640 49	
Labour	246,387 48				25,985,407 20
Staff payrolls	209,790 17		Balance—		
			Ordinary stores, including fuel	5,665,082 50	
			Roadway and bridge material	2,481,910 74	
		22,634,751 31			8,146,993 24
		34,132,400 44			34,132,400 44

CANADIAN GOVERNMENT RAILWAYS

STATEMENT OF CASH RECEIVED, YEAR ENDED MARCH 31, 1920.

Debit.		$ cts.	Credit.	$ cts.
To balance on hand April 1, 1919		0 02	By amount deposited to the credit of the Honourable Receiver General of Canada during year ended March 31, 1920	53,525,088 77
Amounts received during the year and credited as follows—			Leaving balance on hand as follows	0 02
Station agents	$28,673,277 11			
Traffic ledger	15,819,914 71			
Car Service ledger	1,331,432 79			
Individuals and Companies ledger	6,702,334 22			
Rents ledger	85,493 41			
General ledger	912,636 53			
		53,525,088 77		
		53,525,088 79		53,525,088 79

CANADIAN GOVERNMENT RAILWAYS

RAIL RENEWAL ACCOUNT, YEAR ENDED MARCH 31, 1920.

On April 1, 1919, there was a balance to the credit of the Rail Renewal account of	$	342,083 04
There has been charged during the year against the above amount		289,671 66
Leaving a credit balance to the credit of the Rail Renewal account on March 31, 1920, of	$	52,411 38

CANADIAN GOVERNMENT RAILWAYS

FIRE RENEWAL ACCOUNT, YEAR ENDED MARCH 31, 1920

On April 1, 1919, there was a balance to the credit of the Fire Renewal account of	$	165,481 39
There has been charged during the year against the above amount		38,336 49
Leaving a credit balance to the credit of the Fire Renewal account on March 31, 1920, of	$	127,144 90

CANADIAN GOVERNMENT RAILWAYS

EQUIPMENT RENEWAL ACCOUNT, YEAR ENDED MARCH 31, 1920

	Dr.	Cr.
There was a credit balance at April 1, 1919, to the credit of the Equipment Renewal account of ..	.....	$ 957,658 81
Cash received from sale of old rolling stock..	.....	109,679 42
		$ 1,067,338 23
There has been charged during the year against the above account for rolling stock repaired and changed.		
Changing seven cars, damaged in explosion to platform cars...	$ 4,997 01	
Salvage and converting into flat cars under frames and trucks of eight foreign cars damaged on Canadian Government railways..	6,368 88	
		11,365 89
Leaving a credit balance to the credit of Equipment renewal account on March 31, 1920, of..		$ 1,055,972 34

NEW BRUNSWICK AND PRINCE EDWARD ISLAND RAILWAY

RENTAL ACCOUNT, YEAR ENDED MARCH 31, 1920

1920			1920		
Mar. 31.	To interest from Dec. 1, 1917, to Dec. 1, 1918..	$3,540 00	Mar. 31.	By Dominion of Canada...	$3,540 00

INTERNATIONAL RAILWAY OF NEW BRUNSWICK

RENTAL ACCOUNT, YEAR ENDED MARCH 31, 1920

1920	Dr.		1920	Cr.	
Mar. 31.	To rent of International Railway of New Brunswick from February 1, 1919, to July 1, 1919..	$45,000 00	Mar. 31.	By Dominion of Canada..	$45,000 00
		$45,000 00			$45,000 00

NATIONAL TRANSCONTINENTAL RAILWAY

RENTAL ACCOUNT, YEAR ENDED MARCH 31, 1920

1920	Dr.		1920	Cr.	
Mar. 31.	To amount paid to Grand Trunk Pacific Railway for rental of Lake Superior Branch from April 1, 1919, to March 31, 1920, at $50,000 per month..	$600,000 00	Mar. 31.	By Dominion of Canada	$600,000 00
		$600,000 00			$600,000 00

VALE RAILWAY

RENTAL ACCOUNT, YEAR ENDED MARCH 31, 1920

1920	Dr.		1920	Cr.	
Mar. 31.	To amount paid Acadia Coal Company for two years rental of the Vale Railway from May 1, 1918, to April 30, 1920.. ..	$2,400 00	Mar. 31.	By Dominion of Canada..	$2,400 00
		$2,400 00			$2,400 00

SAINT JOHN AND QUEBEC RAILWAY

REVENUE ACCOUNT, YEAR ENDED MARCH 31, 1920

Expenditure		*Earnings*	
Maintenance of way and structure	$154,406 25	Freight..	$106,049 91
Maintenance of equipment	18,233 87	Passenger..	56,172 99
Traffic..	2,859 65	Mails, express, etc..	5,470 41
Transportation—Rail line	109,740 36		$167,693 31
General..	3,768 95	Less—Hire of equipment. ..	26,758 27
	$289,009 08		$140,935 04
Rental..	98,599 66	Balance..	246,673 70
	$387,608 74		$387,608 74

SAINT JOHN AND QUEBEC RAILWAY

GENERAL BALANCE, YEAR ENDED MARCH 31, 1920

Dr.		Cr.	
To Individuals and companies ledger..	$3,188 42	By Stores Department..	$ 50 89
Traffic ledger..	252 17	Freight in transit..	466 53
Auditors suspense..	1,387 39	St. John and Quebec Railway Suspense—Rental..	42,221 50
Cash in transit..	357 75		
Station agents..	2,247 78		
Rents ledger..	49 20		
Dominion of Canada..	35,256 21		
	$42,738 92		$42,738 92

SAINT JOHN AND QUEBEC RAILWAY

STATEMENT OF CASH RECEIVED, YEAR ENDED MARCH 31, 1920

Dr.		Cr.	
To Balance on hand April 1, 1919..	Nil	By Amounts deposited to credit of the Honourable Receiver General during year ended March 31, 1920..	$190,048 20
Station agents..	$157,579 73		
Rents ledger..	561 10		
Traffic ledger..	20,097 48		
Individual and companies ledger..	11,809 89		
	$190,048 20		$190,048 20

SAINT JOHN AND QUEBEC RAILWAY

GENERAL STORES ACCOUNT, YEAR ENDED MARCH 31, 1920

DEBIT			CREDIT	
To balance March 31, 1919		$ 1,494 56	By issues during year ended March 31, 1920	$31,732 91
Purchases during the year ended March 31, 1920	$28,571 88		Sales of material	422 84
Charges from other departments	2,038 42			
		30,610 30		
Balance March 31, 1920		50 89		
		$32,155 75		$32,155 75

REPORT OF C. B. BROWN, CHIEF ENGINEER.

NEW LINES PUT INTO OPERATION.

Intercolonial Railway.—Fairview.—A new connection 0.83 of a mile in length has been constructed from the Bridgewater Division—(Halifax and South Western Railway)—whereby trains from this division can now operate directly into the Halifax Ocean Terminal station, at a saving in operating mileage of 2.85 miles per train.

Between Chaudiere and St. Nicholas—3.2 miles of second main line track was constructed and put into operation.

International Railway.—The construction of new connection, 2.7 miles in length, from mile 7.4 on the International Railway to Moffat station on the main line of the Intercolonial Railway has been completed, making a saving in track mileage to maintain, of 4.7 miles. The track was lifted from the abandoned portion of the International Railway between mile 7.4 and Campbellton.

St John and Quebec Railway.—Construction of the extension of the St. John and Quebec Railway from Gagetown to Westfield Beach, 37.76 miles in length, was completed and taken over for operation and arrangements made by the St. John and Quebec Railway Company with the Canadian Pacific Railway for the operation of trains between Westfield Beach and St. John, a distance of 13.96 miles.

Grand Trunk Pacific Railway—(Lake Superior Subdivision).—At Mile 176.5 a diversion of the main line 0.42 of a mile in length was made to obviate the filling in on Muskeg, of a high trestle.

ROADBED AND TRACK.

The operated mileage of Canadian Government Railways is as follows:—

	Main Line	Second Main Line	Passing Sidings	Other Sidings and Spurs	Total
Eastern lines	3,174·50	80·15	252·55	602·16	4,009·36
Western lines	888·13	4·80	85·87	128·54	1,107·34
Leased lines	197·64	.....	21·34	46·40	265·38
Totals	4,260·27	84·95	359·76	777·10	5,382·08

O'Brien, on the Transcontinental, is the dividing point between Eastern and Western lines. The latter do not extend beyond Winnipeg.

ROADBED AND TRACK MILEAGE.

—	Inter-colonial Railway.	Prince Edward Island Railway.	New Brunswick and Prince Edward Island Railway.	Inter-national Railway.	Moncton and Buctouche Railway.	Elgin and Havelock Railway.	Hampton and St. Martins Railway.	York and Carleton Railway.	Salisbury and Albert Railway.	National Trans-continental Railway.	Leased Lines.	St. John and Quebec. Railway.	Total.
Main Line.....Miles	1,521·81	276·29	36·05	105·73	29·93	26·11	28·73	6·25	44·77	1,814·89	197·64	172·07	4,260·27
2nd Main Line.... "	79·64	.....	.....	.....	.....	.....	.....	.....	.....	5·31	.....	.....	84·95
Passing Sidings.... "	146·82	8·65	2·33	2·85	0·67	0·58	0·40	.....	1·12	169·56	21·34	5·44	359·76
Other sidings and spurs..... "	441·78	35·36	5·42	4·00	1·24	0·45	0·75	0·56	2·14	233·00	46·40	6·00	777·10
Totals.....	2,190·65	320·30	43·80	112·58	31·84	27·14	29·88	6·81	48·03	2,222·76	265·38	183·51	5·482·08

WEIGHT OF RAIL IN MAIN TRACK.

—	Inter-colonial Railway.	Prince Edward Island Railway.	New Brunswick and Prince Edward Island Railway.	Inter-national Railway.	Moncton and Buctouche Railway.	Elgin and Havelock Railway.	Hampton and St. Martins Railway.	York and Carleton Railway.	Salisbury and Albert Railway.	National Trans-continental Railway.	Leased Lines.	St. John and Quebec. Railway.	Total.
50-lb.....	.....	95·49	.....	.....	.....	21·91	.....	.....	.....	.....	.....	.....	117·40
56-lb.....	16·50	166·40	.....	.....	27·33	1·00	28·73	6·25	35·37	.....	.....	.....	281·58
60-lb.....	.....	.....	.....	51·30	.....	.....	.....	.....	.....	.....	.....	.....	51·30
67-lb.....	193·36	1·60	.....	43·65	.....	3·20	.....	.....	2·90	.....	1·84	0·19	246·74
67½-lb.....	.....	68·60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68·60
70-lb.....	16·00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16·00
72-lb.....	.....	.....	.....	.....	.....	.....	.....	.....	2·00	.....	4·34	.....	6·34
80-lb.....	647·55	5·20	36·05	10·09	2·60	.....	.....	.....	4·50	1,792·60	176·56	138·92	2,816·07
85-lb.....	721·74	.....	.....	0·69	.....	.....	.....	.....	.....	27·60	12·90	32·96	796·89
100-lb.....	6·30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6·30
Totals.....	1,601·45	x337·29	36·05	105·73	29·93	26·11	28·73	6·25	44·77	1,820·20	197·64	172·07	4,406·22

NOTE.—Mileage of rail on Prince Edward Island Railway includes 61 miles of track on which there is a third rail for standard gauge trains.

RAIL AND TIE RENEWALS, BALLASTING, DITCHING, NEW SIDINGS, ETC.

—		Inter-colonial Railway.	Prince Edward Island Railway.	New Brunswick and Prince Edward Island Railway.	Inter-national Railway.	Moncton and Buctouche Railway.	Elgin and Havelock Railway.	Hampton and St. Martins Railway.	York and Carleton Railway.	Salisbury and Albert Railway.	National Trans-continental Railway.	Leased Lines.	St. John and Quebec Railway.
New 85-lb. rails laid	Miles	173·93									22·35	12·25	
" 67½ "	"		35·60								16·96		
Relay 80-lb. "	"	33·94			4·73	2·60				4·50	1·90	5·08	
" 67½ "	"				0·50		3·20			2·90			
" 60 "	"				0·50		0·40						
Tie renewals—Main Line	Number	798,472	88,668	18,319	20,508	17,320	8,068	11,716	2,587	12,482	767,212	2110,419	33,149
" Sidings	"	105,175	8,392	642	400	100	628	575		2,769	87,148	15,025	
Switch ties—sets		349			6						18		3
Tile plates placed	No.	309,225									153,070	32,040	
Rail anchors placed	"	960									2,000	3,000	
Ballasting	Miles.	230·89	5·40	6·00	17·00	14·50	5·50			20·50	111·70	16·00	
Ditching	"	112·29	1·50		15·00	0·06	0·03	0·25		0·05	79·80	2·30	12·0
Bank widening and trimming	"	56·00									9·14		
Tile Underdraining	"	4·59									0·34		
Rip-rap protection	Lin. Ft.	530		900	2,225						1,056		
Crib work	"		120		370					325			
Retaining walls	"	300											
Dangerous rocks removed	Cu. Yds.	500											200
Wire fencing erected	Miles.	108·54	9·30	0·57	13·50					0·78	39·47	9·40	
Snow "	"	3·80	0·25		0·58						0·13		
Board "	"										1·13		
Clearing right of way	Acres.					25	40	80		80	300		
Sidings, additional passing	Lin. Ft.	38,841	3,113	2,899	960		570	577		906	41,783	1,241	
" business	"	45,166	9,161				1,091	273			31,702	8,328	320
" private	"	27,734	936		1,550	535		580		770	21,125		560
Sidings, taken up, passing	"	2,128											
" business	"	5,757				885	928						
" private	"	4,983											
Relaying sidings previously removed for overseas rail											94,017		

Main Lines under Construction.

INTERCOLONIAL RAILWAY

From Truro to Belmont, a second main line is being constructed to provide double track between these points. The work is 69 per cent completed.

From Springhill to Maccan, a second main line is under construction, providing double track between these points. This work is 65 per cent complete.

At Moncton, a new connection 3.35 miles in length, from the St. John Subdivision to the Newcastle Subdivision, is under construction and is 65 per cent completed.

On the Chaudiere Subdivision, between Bagot and Ste. Rosalie, the main line is being double tracked, including a double track line diversion from Mile 10·2 to 112·9. The work is 55 per cent completed.

Terminal Improvements.

INTERCOLONIAL RAILWAY.

Halifax.—At the Ocean Terminals, construction of the permanent train shed, a steel frame building with concrete slab roof, was commenced and 75 per cent completed. The steelwork for the new transit sheds on the quay wall was erected. New platforms totalling 4,000 lineal feet were constructed in the coach yard and gas and steam mains and connections extended to the coach yard. The contract for docks "First Unit" was completed. In shed 24, a motor, switchboard, transformers and circuits were installed for fire pump and lighting of the fire pump room.

At the Deepwater Terminals a new pile face crib between old pier 2 and pier 5 was constructed and about 17,800 cubic yards of rock filled in behind crib to make up the low ground for extension of team tracks. Five new chutes were installed on the grain elevator conveyer.

At *Richmond*, the yard changes which were started during the year 1918-19, were completed.

Dartmouth.—A new station and new freight-shed with platforms were constructed; coaling facilities, consisting of airhoist and coaling siding, installed; combined rest-house and stores house constructed; sand-house erected; town sewers extended through new yard and new sewer constructed from the station to harbour front. The extensive yard rearrangement which was started in 1918 is 85 per cent completed.

Truro.—A new stores building was constructed; oil storage system installed in stores building; water supply system in engine-house entirely renewed; heating system in bunk-house remodelled.

Sydney.—A 250-ton mechanical coaling plant wit htrestle was constructed; stores building erected; ail storage system installed; sand-house erected; crossing gates installed at Prince and Ferry streets.

Moncton.—Brick freight-shed 400 by 40 feet with two-story office building was built; new loading platform and transfer platforms constructed; express building 100 feet by 40 feet erected; additions made to drainage system in yard and water and sewerage connections extended to new buildings.

At Moncton shops two high rate combustion stokers were installed; sewer extended.

PRINCE EDWARD ISLAND RAILWAY.

At *Charlottetown.*—Two freight-sheds, three-team, one engine-house, one coaling and one main ward tracks were converted to multiple rail tracks. A new loading platform was constructed.

Emerald Junction.—Yard was rearranged providing multiple rail passing, business and storage sidings, and also a narrow gauge storage siding.

NATIONAL TRANSCONTINENTAL RAILWAY.

Edmundston.—Car repair shop was constructed: 500 horse-power open-feed water heater installed in engine-house boiler plant.

St. Malo.—The various shops were put into operation; foundations for about one hundred machines were constructed; brick transformer house built; storage sidings, yard facilities and industrial tracks were increased by 23.147 track feet; a new roadway and footpath was constructed.

Sioux Lookout.—Machine shop was extended and new generator set installed; pole line to pumping station and cottages erected.

Transcona.—A new 1,000-ton ice-house was constructed; 80-inch driving wheel lathe installed in the shops; air compressor and blower system installed in the elevator.

Ten additional stock pens were provided at Cochrane and Armstrong.

At all terminal points necessary repairs were made to wharves, tracks, buildings, etc.

Water Service.

INTERCOLONIAL RAILWAY

Eight new pumps were installed; four artesian wells sunk; five new stand pipes provided; concrete walls built on seven standpipe pits; closets and washbasins provided at five locations; domestic water supplies provided at three stations; eight new pipe lines installed.

Prince Edward Island Railway.—One new standpipe was provided; centrifugal pump and motor installed, replacing steam pump.

International Railway.—At Mile 7.39 a reservoir was constructed and stand pipe installed providing a new water supply; one domestic water supply was installed.

Elgin and Havelock Railway.—At Elgin, a 5,000-gallon tank and pipe line installed.

National Transcontinental Railway.—Seven wells were drilled to provide water for fire station and section dwellings; one new water supply with steam pump installed; one turbine pump installed; one standpipe erected; water service extended in two yards. At Dott a 50,000-gallon wooden tank is in course of erection.

St. John and Quebec Railway.—At Gagetown a new pumping station was installed.

On all railways, repairs were made to keep the water service in good working order.

Buildings

Intercolonial Railway.—Five new freight-sheds were constructed; three new stations and shelters erected; twenty-nine miscellaneous buildings erected; six stations and eight other buildings extended; eight buildings moved and relocated; nine new platforms constructed; thirty platforms rebuilt; alterations made to six buildings.

Prince Edward Island Railway.—Two shelters were moved and relocated; fourteen platforms rebuilt; alterations were made to three buildings.

New Brunswick and Prince Edward Island Railway.—One freight-shed was moved and relocated; two new miscellaneous buildings erected; three platforms extended.

International Railway.—Five new stations and three section dwellings were erected.

Moncton and Buctouche Railway.—One shelter was moved and relocated and one platform constructed.

Elgin and Havelock Railway.—One station was moved and relocated; one new shelter and platform constructed.

Salisbury and Albert Railway.—Six new shelters, two miscellaneous buildings, and three platforms were constructed.

St. Martins Railway.—One tool-house was provided.

National Transcontinental Railway.—Three new stations and two shelters were erected; one station, ten other buildings and seven platforms extended; one freight-shed, one platform and fifty-four miscellaneous buildings constructed; two airhoist coaling plants erected. At Napadogan six dwellings were constructed.

St. John and Quebec Railway.—Loading platforms were built at Island View and Hawkshaw, and an extension to platform at Allendale made.

On all railways the necessary repairs and painting were carried out.

Damage by Floods and High Tides, etc.

High tides, freshets and ice-jams caused considerable damage to the roadbed on the following subdivisions: Bedford, Dartmouth, Mulgrave, Truro, St. John, Levis, Chaudiere, Sackville, Leonard, La Tuque, and Fitzpatrick.

High winds caused damage to many buildings at Halifax and Dartmouth and blew down the freight-shed at Hillsboro.

Damage by Fire

On the Intercolonial Railway, fire destroyed six buildings, two culverts, one platform, 1,336 lineal feet of fence and damaged six buildings.

On the International Railway, one station was destroyed by fire.

On the Salisbury & Albert Railway, fire destroyed the engine-shed at Albert.

On the National Transcontinental Railway, fire destroyed five buildings, five boarding cars and damaged two buildings.

On the Lake Superior Branch two buildings and three bents of a trestle bridge were destroyed by fire.

Bridges and Culverts

Intercolonial Railway.—Highway subway constructed, 1; highway subway extended for double track, 1; bridge abutments extended for double track, 7; new steel placed on bridges, 2; steel and wooden stringers replaced with concrete slabs, 20; bridges strengthened, 3; bridges equipped with standard pier members, 6; bridges filled in, 2; new concrete culverts and pipe culverts constructed, 12; culverts replaced with concrete and pipe culverts, 129; concrete and pipe culverts extended, 34; additional water barrels placed on bridges for fire protection, 13; culverts renewed, 10.

Prince Edward Island Railway.—Ten steel bridges were replaced with heavier steel spans; forty-nine bridges replaced with concrete and pipe culverts and four new pipe culverts constructed.

New Brunswick and Prince Edward Island Railway.—Two bridges were strengthened; three bridge seats and headwalls rebuilt.

International Railway.—One culvert was replaced with concrete pipe and one culvert rebuilt.

Moncton and Buctouche Railway.—Eight trestles, 2,018 lineal feet, were reconstructed; three truss bridges strengthened; one concrete culvert built; six concrete pipe culverts constructed.

Elgin and Havelock Railway.—Two trestles, 102 lineal feet, were reconstructed; twelve concrete pipe culverts built.

Hampton and St. Martins Railway.—Eight trestles, 1,142 lineal feet, were reconstructed; six truss bridges strengthened; two concrete abutments built; one concrete pipe culvert constructed.

Salisbury and Albert Railway.—Six trestles, 1,046 lineal feet, were reconstructed; one pile trestle constructed; one steel bridge replaced with heavier steel span; eight bridges strengthened; two pile abutments constructed; eight concrete pipe culverts built.

National Transcontinental Railway.—Fourteen new concrete culverts were built; two timber culverts erected; one stream tunnel constructed; two pile trestles filled; sixteen culverts extended.

Lake Superior Branch.—Six concrete and one pipe culvert were constructed replacing trestles, and five trestles were filled in; one reinforced concrete trestle was constructed replacing a pile bridge; one pile bridge filled in; three bents of timber trestle, 64 feet high, rebuilt; one trestle replaced by stream tunnel and fill.

Under construction.—Two pile bridges are being replaced with reinforced concrete trestles and one pile bridge with concrete pipe and fill.

St. John and Quebec Railway.—One culvert was replaced with concrete pipe.

Bridges and culverts on all railways were repaired, painted, strengthened or renewed where necessary.

Turntables

Intercolonial Railway.—Eighty-five foot turntables were installed at Pirate Harbour and Chaudiere Junction; seventy-foot turntable was placed at Point du Chene; three turntables had new centres installed.

Elgin and Havelock Railway.—A fifty-five foot turntable was installed at Elgin.

Track Scales

Intercolonial Railway.—New 150-ton track scales were installed at Sydney, Moncton, Chaudiere Junction, and Ste. Rosalie Junction.

Prince Edward Island Railway.—A 50-ton track scale was installed at Souris.

National Transcontinental Railway.—Installation of a 150-ton track scale at Monk is in progress.

Station Beautification

The work of beautifying the station grounds was continued.

Surveys and Track Centering

On the Intercolonial Railway, 69·3 miles of track were recentered; on the International Railway, 10 miles; and on the National Transcontinental Railway, 28·9 miles.

Surveys were made in connection with double tracking and location surveys were made for new lines, and diversions and improvements to existing lines.

Right of way surveys of the following branch lines were completed and plans and descriptions prepared: Moncton and Buctouche Railway, Salisbury and Albert Railway, Elgin and Havelock Railway, St. Martins Railway, and York and Carleton Railway.

A rechainage survey was made of the Lake Superior Branch from Mission Yard to Superior Junction.

A number of yards were resurveyed and station yard plans prepared and in addition a large number of surveys and plans were made for the leasing of lands, deeds, etc.

Signals and Interlocking

Intercolonial Railway.—Automatic signals were installed near Fairview, protecting the junction of the Halifax and Southwestern Railway, and line circuits controlling automatic signals installed between Fairview and Halifax Ocean Terminals.

Pneumatic crossing gates were installed at two street crossings at Moncton.

Four electric warning bells were installed at street and highway crossings.

National Transcontinental Railway.—Electric train staff instruments were installed between Cadorna and Cap Rouge, Cap Rouge and Bridge, and an auxiliary set between Cadorna and Allenby Junction.

At St. Leonard the electric interlocking plant was rebuilt providing for alterations in track layout.

Two electric warning bells were installed at street crossings.

Train order signals were installed at street crossings.

Train order signals were installed at three stations.

Electric Power and Lighting

Intercolonial Railway.—At Moncton, generator set, switchboard and charging circuits were installed for charging storage batteries of electrically lighted cars; also lighting circuits installed in coach storage yard. Transformers, circuits and motors were installed for engine-house machine shop tools. Transmission line was built and transformer, circuits and motors installed at Scrap Reclaim Plant.

At Campbellton, transformers, circuits and motors were installed to operate engine-house machine shop tools.

At Port Borden, transformers, circuit and motor were installed for operating centrifugal pumps, and horizontal engine provided for electric lighting installation.

Two transmission lines in yards were relocated and nine renewed.

Electric lighting systems were extended to nineteen buildings, platforms and yards.

National Transcontinental Railway.—Electric lighting systems were extended to three buildings.

A telephone line was erected from Bridge to Champlain Market station.

Sundries

Intercolonial Railway.—Extensive alterations were made to ss. *Scotia 1*, and this ferry steamer can now act as auxiliary to ss. *Scotia 2* between Mulgrave and Point Tupper, or to the ss. *Prince Edward Island* between Cape Tormentine and Borden.

Signal gongs were installed between the two engine rooms and the two bridges on ss. *Prince Edward Island.*

New Brunswick and Prince Edward Island Railway.—Track and crossing signs were installed throughout on this railway.

National Transcontinental Railway.—Five roads were constructed connecting stations with nearest highways; two highway crossings and two farm crossings were installed.

REPORT OF A. C. BARKER, SUPERINTENDENT, TELEGRAPH AND TIME SERVICE

STATEMENT showing miles of railway operated by the Canadian Government Railways by Telegraph, by Telephone, and by both, during the year ended March 31, 1920.

MILES OPERATED BY

Railways.	Telegraph.	Telephone.	Telegraph and Telephone.	Pole Mileage.	Wire Mileage.
Intercolonial	877·63	625·64	nil.	212·35	5,744·02
P. E. I. Railway	299·07	77·70	nil.	57·55	103·96
International Ry	.....	.....	105·73	105·73	211·46
Salisbury and Albert Railway	44·77	.....	.....	44·77	44·77
Hampton and St. Martins	.....	28·73	.....	28·73	28·73
Transcontinental	1,568·78	419·93	6·40	1,988·84	6,487·73
St. John and Quebec	.....	157·86	.....	157·86	315·72
Moncton & Buctouche	nil.	nil.	nil.	nil.	nil.
Elgin & Havelock	nil.	nil.	nil.	nil.	nil.
York & Carleton	nil.	nil.	nil.	nil.	nil.

REPORT OF THE AUDITOR OF STORES AND MECHANICAL ACCOUNTS.

Locomotives—	
Purchased on capital account	Nil
Passenger cars—	
Purchased on capital account	Nil
Freight cars—	
Purchased on capital account—	
Box	830
Hart convertible	123
Total	953
Work equipment—	
Purchased on capital account—	
Gas tank	1
Cranes	3
Shovels	4
Piledrivers	2
Total	10

SESSIONAL PAPER No. 20

GENERAL STATEMENT OF WORK DONE IN THE CANADIAN GOVERNMENT RAILWAY SHOPS FOR YEAR ENDING MARCH 31, 1920.

LOCOMOTIVE DEPARTMENT.

Locomotives rebuilt	18
" repaired	451
" converted to superheater	26
" equipped with latest type electric headlight	63
" equipped with 8½ in. Cross compound pumps	20
" equipped with power reverse gear	7
" equipped with brick arch tubes	29
" equipped with coal pushers	6
Repairs to work equipment—	
Ditchers and steam shovels	45
Ballast spreader and lidgerwood	10
Cranes	19
Rotary ploughs	1

CAR DEPARTMENT.

Built—	
Hart cars	100
Cabooses	2
Road repair cars	1
Purchased—	
Auxiliary	6
Flats	1
Survey cars	1
Boarding cars	6
Ballast spreader	1
Cars remodelled—	
Sleepers to hospital cars	2
Diner cars to cafe	1
Diner cars to parlour	8
Coaches to business	2
Baggage cars to commissary kitchen cars	5
Box and flat cars to pulpwood	399
Box cars to Eastman heaters	136
" " automobile cars	108
" " road repair cars	3
Flat cars to water tank cars	6
Hart cars from centre to side dump	54
Outfit cars converted and repaired	119
Cabooses remodelled	20
Cars equipped with safety appliances—	
Passenger	7
Freight	99

Cars of all descriptions were kept in proper condition for traffic and were painted and repaired when necessary. Seven new machines were installed and all shop machinery and tools were repaired and kept in good working condition.

Safety appliances were kept in good repair and new ones installed where necessary.

St. Malo.—The locomotive shop was put in operation March 1, 1920, and the car shop September 1, 1919.

CANADIAN GOVERNMENT RAILWAYS—EASTERN AND WESTERN LINES.

STATEMENT showing number of Locomotives, and the various classes of other rolling stock on the line, March 31, 1919, and March 31, 1920.

	Locomotives	Passenger Cars															Freight Cars														
		Sleeping	Parlor	Dining	Colonist	1st Class Passenger	2nd Class Passenger	Postal	Baggage	Hospital	Vision Test	Box Baggage	Air Brake Inspection	Steam Motor	Total Passenger Cars	Box	Refrigerator	Platform	Oil Tank	Pitch Tank	Hoppers	Gondolas	20-ton Coal	Hart-Otois	Stock	Hart Convertible	Pulpwood	Pit Cars	Eastern Heater	Caboose	Total Freight Cars
On hand serviceable and repairing, March 31, 1919	767	99	33	39	73	178	110	41	101	18	1	25	1	1	720	16,077	402	3,678	82	20	732	1,075	356	527	1,261	1,004	812	2	64	403	26,496
To be replaced March 31, 1919	....	....	....	....	....	....	....	2	2	....	....	1	....	....	5	30	3	111	....	....	21	....	18	1	....	....	....	....	....	12	-196
Total equipment, March 31, 1919	767	99	33	39	73	178	110	41	101	18	1	25	1	1	720	16,107	405	3,789	82	20	753	1,075	374	528	1,261	1,004	812	4	64	414	26,692
Purchased and built during year on Capital	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	830	....	....	....	....	....	....	....	....	....	123	....	....	....	....	953
Purchased and built during year on equipment renewal	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
Converted on Capital—Sleeper to hospital 2, box to Eastman heater 136, to road repair 3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	55	....	....	....	55
Converted in Shop—Box to pulpwood 55, to boarding 10, to auxiliary 3, pulpwood to box 1, to boarding 1, auxiliary to box 1, gondola to cinder 42, flat to cinder 1	....	....	....	....	4	....	8	4	....	....	....	....	....	....	16	2	....	....	....	....	....	....	....	....	396	....	....	....	....	....	2 396
Rearrangement of Classification—Sleeping to business 18, parlour to business 9, dining to auxiliary dining 8, to commissary 4, baggage to second-class 8, second-class to postal 4=51	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	*42*	....	....	....	....	2	....	....	....	....
Gondola to Hart-Otis 396	....	*20*	*9*	*12*	....	....	*4*	....	*8*	....	....	....	....	....	*53*	*207*	....	*1*	*20*	....	....	*396*	....	....	....	....	*2*	....	....	....	*668*
Total equipment, March 31, 1920*	767	79	24	27	77	178	114	47	95	20	1	26	1	1	690	16,732	405	3,789	62	20	753	63737	4 92	4 1,	261 1,	127 86	5	4 20	0	414	27,567
To be replaced March 31, 1919, as above	....	....	....	....	....	....	....	2	2	....	....	1	....	....	5	30	3	111	....	....	21	....	1	8	1	....	....	....	....	12	196
Condemned year ending March 31, 1920	....	2	....	....	....	2	5	....	3	....	....	....	....	....	12	121	12	1,303	....	....	542	166	350	....	16	6	14	....	....	11	2,529
Total condemned and destroyed to March 31, 1920	....	2	....	....	....	2	5	2	5	....	....	1	1	....	....	151	15	1,414	....	....	542	166	368	1	16	6 14	....	....	....	23	2,716
Replaced on equipment renewal	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Total to be replaced March 31, 1920	....	2	....	....	....	2	5	2	5	....	....	1	....	....	17	150	15	1,414	....	....	542	166	368	1	16	6	14	....	....	23	2,715
Add. serviceable and repairing	767	77	24	27	77	176	109	45	90	20	1	25	1	1	67	36,582	390	2,375	62	20	211	471	6	923	1,245	1,121	851	4	200	391	24,852
Total equipment March 31, 1920	767	79	24	27	77	178	114	47	95	20	1	25	1	1	69	16,732	405	3,789	62	20	753	637	374	924	1,261	1,127	865	4	200	414	27,567

*Figures in italics are deductions.

CANADIAN GOVERNMENT RAILWAYS—EASTERN AND WESTERN LINES.

STATEMENT showing number of Locomotives and the various classes of other rolling stock on the line, March 31, 1919, and March 31, 1920.

| | Work Cars. | | |

PRINCE EDWARD ISLAND RAILWAY

STATEMENT Showing the Number of Locomotives and the Various Classes of Other Rolling Stock on the Line, on March 31, 1919, and March 31, 1920

—	Locomotives.	Passenger Cars.							Freight Cars.								Work Cars.				
		First-class Passenger Cars.	Second-class Passenger Cars.	Combination Second-class and Baggage Cars.	Postal and Smoking Cars	Combination Postal and Baggage	Baggage Cars.	Total Passenger Cars.	Box Cars.	Refrigerator Cars.	Stock Cars.	Oil Tank Cars.	Hart Convertible Cars.	Coal Cars.	Platform Cars.	Caboose Cars.	Total Freight Cars.	Dump Cars.	Snow Plows.	Flangers.	Steam Shovels.	Total Work Cars.
On hand, serviceable and repairing, March 31, 1919	26	19	9	5	3	3	6	45	338	2	28	1	15	11	203	3	601	15	11	....	....	26
To be replaced, March 31, 1919	9	5	4	2	1	1	2	15	5	1	....	....	....	4	4	1	12	....	2	8	1	11
Total equipment, March 31, 1919	35	24	13	7	4	4	8	60	343	3	28	1	15	12	207	4	613	15	13	8	1	37
Transferred from Intercolonial	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total equipment, March 31, 1920	35	24	14	7	4	4	8	61	343	3	28	1	15	12	207	4	613	15	13	8	1	37
Condemned and destroyed during year	4	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....
To be replaced, March 31, 1919	9	5	4	2	1	1	2	15	5	1	....	....	....	1	4	1	12	....	2	8	1	11
Total to be replaced	13	5	4	2	1	1	2	15	5	1	....	....	....	2	5	1	14	....	2	8	1	11
Add serviceable and repairing	22	19	10	5	3	3	6	46	338	2	28	1	15	10	202	3	599	15	11	0	0	26
Total equipment, March 31, 1920	35	24	14	7	4	4	8	61	343	3	28	1	15	12	207	4	613	15	13	8	1	37

CANADIAN GOVERNMENT RAILWAYS EMPLOYEES' RELIEF AND INSURANCE ASSOCIATION.

Statement of Receipts and Expenditures.

RECEIPTS

Credit balance on June 30, 1919		$ 54,459 24
Receipts for year, June 30, 1919, to June 30, 1920.		
Amount of premium collected from Canadian Government Railways pay-list	$198,955 60	
Premiums collected from railway vouchers	653 82	
Cash premiums collected by railway	63 08	
Annual contribution from Canadian Government Railways	15,000 00	
		214,672 50
Cash from members not on duty, refunds, etc.	$ 1,170 13	
Premiums from sick and accident vouchers (Insurance Association vouchers)	2,419 44	
Premium from retired members	5,508 19	
Annual fees	595 00	
Examination fees	40 00	
Interest on monthly balance	1,634 22	
Miscellaneous sources	50 00	
		11,416 98
Total receipts for the year from all sources		$280,548 72

EXPENDITURES

Sick and accident indemnity	$61,679 32		
Medical and surgical attendance	35,372 48		
		$ 97,051 80	
Temporary employees', Accident Fund		16,037 70	
Death and total disability claims		63,500 00	
Examination fees		24 00	
		$176,613 50	

OPERATING EXPENSES

From Sick and Accident Fund	$ 4,200 00		
" Temporary employees' Accident Fund	13,410 47		
" Retired employees, etc.	645 00		
		$18,255 47	
			194,868 97
Difference			$ 85,679 75
Less estimated outstanding liabilities			13,200 00
Estimated net surplus, June 30, 1920			$ 72,479 75

SICKNESS AND ACCIDENT FUND

The expenditure in this fund last year were $108,188.08, and this year they are shown to be $97,051.80. (Made up of $92,851.80-$4,200)—a decrease of $11,136.28. A credit balance of $61,162.96 is shown in this fund on June 30, 1920.

TEMPORARY EMPLOYEES' ACCIDENT FUND

The expenditure in this fund during the year are shown as to have been $51,673.56. Of this $13,410.47 was transferred to Operating Expenses, net	$ 38,263 09

DEATH AND TOTAL DISABILITY FUND

This statement shows that one hundred and thirty-three death and total disability claims were assessed and paid during the year.

One hundred and five death claims due to natural causes, aggregating	$ 52,500 00
Twenty-four death claims due to accidental injuries, aggregating	9,500 00
Two death claims due to war, aggregating	500 00
	$ 62,500 00
Two total disability claims, aggregating	1,000 00
	$ 63,500 00
Amount paid last year from this fund, was	$ 84,500 00

C. B. TRITES,
Secretary.

W. F. SEARS,
Auditor.

The death and total disability, also the Temporary Employees' Fund, show 148 death claims during the year.

CANADIAN GOVERNMENT RAILWAYS.

STATEMENT showing the amount credited to the Canadian Government Railways Employees' Relief and Insurance Association, by the Canadian Government Railways, during the year ended June 30, 1920.

Amount of premiums collected from the Canadian Government Railways' pay-lists	$198,955 60
Premiums collected from railway vouchers	653 82
Annual contributions from the Canadian Government Railways	15,000 00
Canadian Government Railways cash premiums	63 08
Total	$214,672 50

S. L. SHANNON,
Comptroller and Treasurer, C.G. Rlys.

INTERCOLONIAL AND PRINCE EDWARD ISLAND RAILWAY EMPLOYEES' PROVIDENT FUND.

STATEMENT of Receipts and Expenditure during the year ended March 31, 1920.

Balance at the credit of the Funds on March 31, 1919		$395,120 03
The contributions made by employees during the year, being one and one-half per cent of their monthly salary and wages were	$301,610 79	
The contributions made by the railways were	100,000 00	
		401,610 79
Amounts received for refunds, etc		630 29
Interest accrued (at three per cent)		11,515 13
		$808,876 29

The amount contributed by the employees is shown to exceed by $201,610.79 the amount contributed by the Railways. By reference to Section No. 4 of the Provident Fund Act, it will be noted that the maximum sum the railways are authorized to contribute to the Fund in any one year must not exceed $100,000.

The expenditure were—

For retiring allowances	$307,923 70	
For contributions refunded in cases of deceased employees	12,350 00	
For contributions refunded, which were deducted in error	4,145 33	
For contributions refunded, to discharged employees, etc	1,222 66	
Medical examinations for probationers entering the service, etc	4,110 00	
Medical examinations for employees retiring from service	17 00	
For election expenses	1,056 81	
For salaries and travelling expenses, Secretary's office, and proportion of salary chief medical officer	11,355 13	
For stationery, printing, postage, etc	954 55	
		343,135 98
Balance to the credit of the Fund on March 31, 1920		$465,740 31

It will be noted by the above statement of receipts and expenditures that the amount of contributions received from the railways and from the employees during the year were	401,610 79
And the expenditures were	343,135 98
Showing that during the year the receipts exceeded the expenditures.	$ 58,474 81
The gross surplus, including interest, to the credit of the Fund on March 31, 1920, was	465,740 31

F. P. BRADY,
Chairman.

C. B. TRITES,
Secretary.

REPORT OF W. A. BOWDEN, CHIEF ENGINEER OF THE DEPARTMENT OF CANALS

The through water route between Montreal, at the head of ocean navigation, and Fort William and Port Arthur, on the west shore of lake Superior, comprises 74 miles of canal, with forty-eight locks and 1,155 miles of river and lake waters, or a total of 1,229 miles. The minimum depth of water on this route is 14 feet. From Montreal to Duluth, on the southwest end of lake Superior, the total distance is 1,354 miles, and to Chicago 1,286 miles. Connection is made with the Canadian Pacific Railway from points west and south at Fort William and Port Arthur (6 miles apart). From Fort William connection with the main transcontinental line of the Canadian National Railways is made by the branch line originally constructed by the Grand Trunk Pacific Railway, but now leased to and operated by the Canadian National Railways.

On this through route the approaches to the canals and the channels of the intermediate river reaches are well defined, and are lighted with gas buoys under the control of the Department of Marine and Fisheries, admitting of safe navigation in the hands of competent pilots, both by day and night. The Lachine, Soulanges, Cornwall, Welland and Sault Ste. Marie canals are lighted throughout by electricity, and electrically operated. The Farran's Point canal is lighted by acetylene gas.

Of the minor systems, the Murray, Trent, Rideau and Ottawa River canals may be considered geographically as branches of the through east-and-west route. In operation, however, these canals serve a distinct traffic of more local nature. Isolated from the systems just mentioned, the navigation of the Richelieu river, from its junction with the St. Lawrence at Sorel to lake Champlain, is effected by means of the St. Ours lock and the Chambly canal; while in the extreme east the St. Peter's canal provides communication between the Bras d'Or lakes of Cape Breton Island and the Atlantic ocean.

A full statement of the various canals, and canalized waters, now in operation, with their mileage, limiting dimensions, etc., is given in an appendix to this report.

Lachine Canal

Navigation was carried on throughout the entire season without interruption. No important construction work was undertaken, but among the many lesser repairs and improvements attended to, the following may be noted: About 30 permanent mooring posts were set in concrete, a concrete sidewalk was built along both sides and for the entire length of Lock No. 1, concrete roadbeds were constructed at Flour Shed No. 1 and at the north end of Brewster's bridge, and 100 feet of permanent iron fence was erected between Côte St. Paul weir and Bridge No. 6.

During the past month unusual flood conditions have developed along the course of the river St. Pierre, and in the vicinity of the Côte St. Paul bridge many of the low-lying streets have been completely submerged. These conditions may in part be accounted for by the unusually rapid run-off of the winter's snow due to an exceptionally severe winter without thaws.

When the canal was unwatered recently it was discovered that a leak had developed from the bed of the canal downwards and up through the floor of the inverted siphon culvert which conveys the waters of the St. Pierre river under the canal at a point about one mile east of the Côte St. Paul bridge. Steps are now being taken to make all necessary repairs before the opening of the navigation season. For this purpose the river will be temporarily diverted into the canal and all three channels of the siphon pumped out.

Soulanges Canal

No interruptions in the navigation of this canal have been suffered in the past year. Only one piece of heavy construction work, the building under contract of an interlocking steel pile cut-off and concrete apron immediately above the guard gate and regulating weir of Lock No. 4, has been undertaken. This work is now about half completed. Among small repairs carried out may be mentioned the stoppage of a leak which had developed in the concrete wall at the foot of Lock No. 2, the rebuilding in concrete of the slopes between Locks Nos. 1 and 2, and the installation of an automatic gauge for the Naval Service Department.

Cornwall Canal

This canal, with the exception of four short interruptions due to accidents, was open to traffic for a period of eight months. On 15th August the steamer *Aztec,* while passing through Lock 17 and eastbound, surged back when the lock was nearly empty, carrying away the upper gates. The rush of water from the upper lock which followed carried the vessel through the lower gates into the basin below. Beyond considerable damage being done to the earth slopes, the effects of this accident were not serious and the locks affected were again in operation by the following evening. The other accidents which occurred were of a minor nature.

A contract was let in 1919 for the removal of the present old timber wharf at Cornwall and its replacement by a mass concrete retaining wall 275 feet long, with the necessary back filling. The excavation and removal of the old wall had been practically completed when the canal was unwatered in the spring and by the close of the fiscal year a start had been made on the concrete work. On the north side of the upper entrance to Lock 18 it is proposed to construct a mass concrete pier extending 175 feet westward, and a contract for this work was let at the close of the navigation season. The preparation of the foundation has just been completed, and the placing of the concrete is now in progress. Of lesser improvements, which have been carried out in the past season, may be mentioned the laying of about 700 feet of stone protection wall along the left bank of the canal below Lock 18, the placing of concrete slabs on both sides of the walls of Locks 15 and 17 to prevent earth erosion from the hawsers of large vessels, and the rebuilding of a considerable portion of the masonry of Lock 21.

Farran's Point Canal

In October, 1919, work was commenced on a contract for the rebuilding of the north pier at the upper entrance to the canal. Progress on this work was considerably retarded on account of labour troubles. Up to the present all the old cribwork has been removed and a number of concrete blocks for the new wall have been constructed. It is expected that the work will be completed by the end of next July. Other repairs and improvements made on this canal were of a minor nature.

Rapide Plat Canal

The work of rebuilding the north lower entrance pier, referred to in last year's report, was completed in May, 1919. This pier is 500 feet long and 25 feet wide, is constructed with outer concrete walls with a back-filling of stone and is equipped with cast-iron mooring posts and reinforced concrete poles to carry electric light wires. Of lesser improvements made may be mentioned the reinforcing of the high earth slope on the north side of the canal by the construction of a low earth embankment faced with stone protection.

Galops Canal

In July, 1919, a contract was let for the rebuilding in concrete of the timber portion of the lower entrance pier at Lock 25. The work was satisfactorily completed early in October. This pier is 460 feet long and 19 feet wide. The outer concrete walls are back-filled with stone and floored with 9-inch concrete slabs. In addition to the foregoing, various lesser improvements were carried out, such as the repairing of the stone protection along the south bank of the Iroquois section, the remetalling of the main highway west of Iroquois, and the construction of reinforced concrete electric light poles.

Murray Canal

This canal, which is an open waterway 80 feet in width, with 12 feet depth at low water, across the isthmus of the Prince Edward County peninsula, connecting the bay of Quinte with lake Ontario, is without locks. No special work was required in the maintenance of this canal during the past season.

Welland Canal.

This canal was in operation during the entire navigation season without any serious delays through accidents or other causes. The number of vessels passing through the canal showed an increase of about 5 per cent over the record of the previous year.

New Canal.—The principal improvements and repairs made during the year were as follows: On the easterly bank of the canal the concrete roadway between Feeder Junction and Ramey's Bend was finished for a length of about 1½ miles. At St. Catharines a reinforced concrete highway bridge was constructed to replace the wooden bridge on the line of Ontario street near Lock 2. The area between the entrance piers at Port Dalhousie was dredged to a level 3 feet below that of Lock 1. Wooden floor systems on a number of bridges were renewed. A portion of the wooden dock at Port Colborne was repaired with mass concrete.

Old Canal.—Certain necessary repairs were made to underwater structures. A stone retaining wall between Locks 24 and 25 was built in concrete. Reinforced concrete bridges were constructed over the canal at Keefer's Crossing, Thorold and Merritton, replacing wooden bridges which had fallen into disrepair. A new wooden bridge was constructed at Merritton to accommodate increased traffic.

Canal Feeder—The lower face of the apron of the Dunnville dam was piled and the face protected by a reinforced concrete slab, the area behind being stone filled. The concrete piers at the Dunnville dam bridge, which had to be rebuilt after the unusual freshet of 1918, were completed as also the reinforced concrete apron between the piers. The spring run-off this year passed off without unusual conditions.

Port Colborne Elevator.—On the 9th August, 1919, an explosion of dust occurred in the elevator through which ten men lost their lives and very considerable damage resulted to the structure. Since this date no grain has been handled. The records up to the time of the explosion, however, were very satisfactory, the net earnings being but 7 per cent less than those of the entire 1918 season. The work of salvaging the grain and restoring the structure has been in the hands of a commission.

Welland Ship Canal.

Owing to the extreme difficulty experienced in carrying on construction operations under war conditions, work on the canal was discontinued in March, 1917, and only resumed again two years later, prepartions with this end in view having been commenced shortly after the cessation of hostilities in November, 1918.

For a detailed account of the various works which it is proposed to undertake in the carrying out of this work, it will be necessary to refer back to the report of the engineer in charge contained in the annual report of this department for the fiscal year 1913-14, page 359. In the present report therefore a brief resumé of the general scheme involved may not be out of place.

The proposed ship canal leaves lake Ontario at the mouth of Ten Mile creek, about three miles east of Port Dalhousie, follows an entirely different route from the present canal as far west as Allansburg, about half-way across the peninsula, and from here proceeds along the course of the present canal to Port Colborne on lake Erie. The total distance traversed from lake to lake will be 25 miles. The difference of level between the two lakes, 325½ feet, will be overcome by seven lift locks, each having a lift of 46½ feet. The locks are to be 800 feet long and 80 feet wide in the clear and will provide a depth of 30 feet of water over the mitre sills. The width of the canal prism is to be 200 feet. A new breakwater, now under construction, will be built at Port Colborne, extending 2,000 feet farther into the lake than the present breakwater. Extensive harbour works are contemplated for the lake Ontario entrance at Port Weller. For purposes of construction, the canal is divided into nine sections of contracts numbered from the lake Ontario end. During the past fiscal year, work has been carried on on sections 1, 2, 3, and 5.

Following is a brief summary of the work which has been in progress on the various sections during the past fiscal year:—

Section No. 1.—Under the original contract, surrendered in 1917, about 87 per cent of the dredging, 77 per cent of the land excavation, and 67 per cent of the concrete work had been completed. During the past fiscal year, dredging operations were resumed in Port Weller harbour and carried on during the entire 1919 season. Considerable work was done on the dock wall, the concrete cribs for which had been sunk in position under the original contracts. Concrete work was resumed on Lock No. 1, which at the close of the season was nearly theree-quarters completed. The upper and lower entrance piers are well advanced towards completion. At Bridge No. 1 a good start has been made on the five piers and on the east abutment.

Section No. 2.—About 77 per cent of the excavation on this section and 30 per cent of the concrete work were completed under the original contract. The construction railway, between Port Weller and Merritton, the rails on which had been removed and sold on the closing down of work, was put into commission again early in the season. Concrete work was resumed at Lock No. 2 and 26,000 cubic yards were placed during the year 1919. More than 3,000 square yards of concrete slab protection were laid along the slopes of the canal prism. At Queenstown Road bridge the east abutment had been carried into the canal by a landslide in 1917. The displaced abutment was broken up and removed and the slopes of the canal flattened to a three to one slope as a precaution against possible future slides. Excavated material amounting to nearly 80,000 cubic yards was disposed of on the Port Weller embankments.

Section No. 3.—On the closing down of the work in 1917 slightly more than half the total excavation required on this section had been completed and a small amount of concrete work. Owing to labour troubles the work on this section was greatly retarded, and on the 11th September, 1919, it was found necessary to close down all construction work. Of the work performed during this time, the following may be mentioned: About 230,000 cubic yards of earth and 6,500 cubic yards of rock were removed and deposited at Pond No. 6. Between the guard gates and Lock No. 7, the earth excavation was completed. The east wall was finished to coping level between the guard gates and the weir and a commencement made on the foundations of the west wall. A small amount of excavation work was done at Lock No. 7. At Pond No. 6, a concrete core wall was constructed for a length of about 500 feet. The rock-crushing

plant, which had been completely dismantled, was again put into commission and about 14,000 tons of rock were crushed.

Section No. 5.—Up to the time of closing down in 1917, there had been performed on this section about 70 per cent of the excavation and 15 per cent of the concrete work. Dipper dredges operated throughout the 1919 season and removed about 317,000 cubic yards of material. The concrete slab protection along the west side of the canal was completed between Allansburg and Port Robinson. The west abutment of Bridge No. 13 at Port Robinson was completed in 1919.

During the past fiscal year labour troubles on various parts of the canal have been almost continuous, and as a result, the progress made on the work has been much less satisfactory than could have been desired.

Sault Ste. Marie Canal

During the past fiscal year, this canal was in operation for the entire navigation season. While the freight traffic through the canal showed a decrease of 68 per cent in tonnage from the preceding year, the passenger traffic increased by 53 per cent. The reduction in freight traffic may be ascribed both to a falling-off in trade and to the opening of an additional lock in the American canal. Taking both the Canadian and American canals into consideration, however, the registered tonnage of Canadian vessels passing the St. Marys river shows an increase of 22 per cent over last year's figures.

Minor accidents only occurred during the year such as interfered with traffic to but a slight extent. In the month of May a scow-load of gravel became overturned close to the north pier. The gravel spread out sufficiently to form no obstruction to traffic. In August the Canadian Pacific Railway's swing bridge over our canal became wedged on its bearings owing to breaking of some of the rollers. Traffic was obstructed for only a few hours and was diverted to the American canal.

The renewal of the top of the lower south pier was practically completed last season. This work had been in progress for several years.

St. Annes Lock.

This lock was in operation during the entire season. No extensive repairs were found necessary.

Carillon and Grenville Canals.

The operation of these two canals was continued without interruption throughout the entire season of navigation. At the Carillon canal the northeast peir of the lower entrance to Lock No. 1 was rebuilt, the work being performed under contract. The gates at Lock No. 4 were rebuilt.

Rideau Canal

Navigation was maintained during the season throughout the entire length of the canal except for the obstruction to traffic, which occured about the beginning of October at Poonamalie lock due to a fall in the level of Rideau lake. This may readily be ascribed to the effects of an unusually dry season. The dry summer was followed by an exceptionally cold winter without thaws and the level of the water at Poonamalie lock fell below all previous records. Considerable inconveniences was experienced in some of the towns along the river on account of the lack of water for power and domestic purposes. The spring freshets have been light and the ice which has not yet gone out is unusually thick. Trouble, however, is not anticipated from this source as the volume of water is below normal.

The number of lockages last year showed an increase of nearly 20 per cent over those of 1918.

Among the more important repair and improvement works carried out in the past year, the following may be mentioned: At Ottawa lock station the chamber walls of Lock No. 4 were rebuilt in concrete. Portions of the wharves round the canal basin were renewed and a new floor was laid at Bronson avenue bridge. Between this bridge and the Canadian Pacific Railway swing-bridge, the roadway along the dam was raised and repaired. At Hartwell's lock station the gates in the lower lock were renewed. Repairs are now being made to the dry wall below the locks, it being intended to replace the present wall in concrete. The tow-path was tarviated from the railway swing-bridge to Hogsback locks. The upper gates of the upper lock at Hogsback station were renewed and a portion of the retaining wall below the dam was rebuilt. At Long Island lock station the entire east side of the lower lock was taken down and rebuilt in cut stone, and below the lock the shoal was dredged, the excavated material being placed on the eroded banks of the back channel. A new floor was laid at Wellington bridge and the railing on the east approach renewed. At Nicholson's lock station a new timber approach was constructed at the south side of the swing-bridge. A new floor was laid at the Snye bridge at Merrickville locks. At Old Slys lock station the bridge below the waste weir was rebuilt and the old timber piers were taken down and replaced in concrete. Considerable repairs were made at Smith's Falls combined lock station. The flooring of the swing-bridge was renewed and repairs made to the turntable. The upper gates of the lock were renewed and the cribwork along the basin replaced by new timber. At the detached lock the top of the lay-by pier was renewed. The masonry of both locks at Beveridge's was extensively repaired below water level. On the Perth branch blasting operations were continued with a view to still further easing the ice-jams which occur at freshet times. The success of these operations is now assured. The wooden culvert at Craig street bridge was replaced by a concrete pipe. At the Narrows lock the old lock-house stable was taken down and replaced by a frame building on a concrete foundation. About 150 feet of the breakwater crib at Wolfe Lake dam was rebuilt and stone filled. At Newboro lock both lay-in piers were taken down to low water and rebuilt and replanked. The timber waste weir at Davis's lock was replaced in concrete. Extensive repairs were made to the masonry of the upper lock, and the wing walls at Jones Falls lock station. A concrete wall was constructed to take the place of the cribwork along the roadway from the swing-bridge and a similar wall was built between the upper lock at the lockmaster's dwelling. At Upper Brewer's lock station, the timber bridge across the waste water channel was rebuilt. At Lower Brewer's lock the old timber waste weir was renewed in concrete and considerably increased in area. A variety of small repairs were performed at Kingston Mills lock station. The widening and deepening of the cut above Hartwell's locks was completed during the summer by the dredge *Tay*. The tugs *Agnes* and *Loretta* were in commission during the entire season of navigation.

St. Ours Lock

This lock was in continuous operation. No repairs beyond those required for regular maintenance were found necessary.

Chambly Canal

No interruptions to traffic occurred on this canal at any time during the navigation season. A portion of the Government wharf at St. Johns was renewed in concrete, the work being carried out under contract. Two new gates were constructed at Lock No. 9. A large variety of lesser maintenance repairs was attended to.

Trent Canal

The route of the Trent canal, as now in operation or under construction lies between Trenton, on the bay of Quinte, where direct connection is made with lake Ontario, and Honey harbour, on Georgian bay, from which the waters of the Great Lakes are at once accessible. The canal is made up of a series of lakes and rivers connected by relatively short lengths of artificial cuttings. Connection between the water levels of the various reaches is effected by locks. The route may be briefly described as follows: Between Trenton and Rice lake the canal follows the line of the Trent river. Passing through Rice lake it enters the Otonabee river the route of which is followed to its source in Katchiwano lake. From this lake the line of the canal passes in succession through Clear lake, Stoney lake, Lovesick lake, Buckhorn lake, Pigeon lake, Sturgeon lake and Cameron lake to the west side of Balsam lake. From here a connection is made by an artificial cutting with a small lake about two miles westward, and from the latter lake another cutting makes connection with Cranberry lake. From the south end of Cranberry lake connection is made with lake Simcoe by another artificial cutting. Passing through lake Simcoe the route of the canal continues to Washago, at the head of lake Couchiching. A short cutting connects this point with the Severn river, the line of which is followed to the Georgian bay outlets at Honey harbour and Port Severn. From Trenton the canal rises to a summit at Balsam lake, the level of which is about 597 feet above that of lake Ontario. From Balsam lake to Georgian bay there is a fall of 262 feet. Between Trenton and Washago the canal has been practically completed and has been open to traffic since June, 1918, or for a distance of 203·6 miles. On the westerly portion of the route of the canal, or between lake Couchiching and Georgian bay, various works are under construction a description of which will be found under a subheading farther on in this report. When completed the total length of the canal from lake to lake will be about 236 miles.

Canal in Operation

As already stated in last year's report, that portion of the Trent canal which lies between Trenton and Rice lake was formally opened for traffic on June 3, 1918. The extent of the canal now in operation may therefore be stated as 203·6 miles, or between Trenton and Washago at the head of lake Couchiching. In addition to this is maintained the Lindsay Branch, 30 miles in length, and various other channels aggregating in all about 60 miles. The total extent of canal and canalized waterways maintained in operation is therefore slightly over 300 miles.

Of the various repairs and improvements effected during the year, the following may be noted: The approach to Lock No. 20 was deepened and widened by the dredge *Fenelon*. Dredging was also done at the George Street wharf, Peterborough, at Robinson's Island bar and at T.A.S. bar. The total amount of work preformed by this dredge during the season would approximate 24,000 cubic yards. On the west side of the canal near the Peterborough lift lock, a timber shed 30 feet by 80 feet was erected and the pile centre pier in the reach below the lift lock was replaced by a concrete pier. Preparations have been made for the reconstruction of the Mississauga dam, a large amount of materials having been shipped to the site. Work was resumed on the reconstruction of the west dam at Redstone and completed in February last. Preliminary arrangements have been effected for construction work to be undertaken at Drag Lake dam. In addition to the foregoing a large variety of smaller works of construction and maintenance repairs were attended to.

Canal under Construction

The portion of the canal now under construction lies, as already noted, between Washago, at the head of lake Couchiching, and Honey harbour and Port Severn on

Georgian bay, and is known as the Severn Division. This division is for convenience subdivided into four sections, namely, the Port Severn Section, from Port Severn on Matchedash bay to Gloucester Pool; Section No. 1, from Honey harbour to the Big chute on the Severn river; Section No. 2, extending from the last named point up the Severn river to MacDonald's chute; and Section No. 3, from MacDonald's chute to the head of lake Couchiching.

Port Severn Section.—During the past fiscal year no new work was performed on this section. The lock and dams at Port Severn, the principal works on this section, have already been completed.

Section No. 1.—The length of this section is about 17 miles. The work to be undertaken consists in the construction of three locks at South Honey harbour, Little chute and Big chute, respectively, together with several regulating dams and core dam. A large amount of granite rock excavation in the river and lake channels, canal prisms and lock pits will also be included in the work. A contract for the work was let in January, 1919, and a considerable amount of preliminary work was carried out in the ensuing three months. During the fiscal year among the more important works completed or in progress the following may be noted: The construction of the Marine Railway at Swift rapids, the construction of core walls "A," "B," and "C," near the Big Chute lock, all of which have been practically completed, the excavation of over 5,000 cubic yards of solid rock from Little Chute lock pit, the construction of White's Portage dam, and the installation of a telephone line from Big chute to Swift rapids.

Section No. 2.—The contract which had been awarded the Inland Construction Company in April, 1914, for work on this section was cancelled by an agreement with the department drawn up in June, 1919. No work on this contract had been performed. The greater part of the contractors' plant was taken over by the department and transferred to Section No. 1. One of the principal items covered by the contract had been the construction of a high-level bridge at Ragged rapids for the Canadian Northern Railway. All the steel work for this bridge had been fabricated by the Dominion Bridge Company and stored in readiness for the completion of the substructure; the old bridge was falling into disrepair and the department therefore decided in September, 1919, to proceed by day labour with the construction of the pier and two abutments. By the end of November, 1919, the work performed included the partial construction of the north abutment, all the excavation for the centre pier, preliminary excavation for the river channel, and the delivery of the greater part of the materials of construction. Up to the close of the fiscal year, no further work had been performed.

Section No. 3.—This portion of the canal extends from deep water in lake Couchiching to the easterly end of Section No. 2, a distance of 15¼ miles. The work to be performed consists in the construction of one lock of 20-feet lift, a diversion of the Canadian National Railway, two highway swing-bridges, one highway fixed bridge, one railway swing-bridge, several control dams, and a large amount of rock and earth excavation. In January, 1919, a new contract for the work was entered into with the Randolph Macdonald Company, their contract of 1914 having been surrendered on account of war conditions. At the close of the fiscal year work had progressed on this contract as follows: The Couchiching lock near the Severn river had been completed, various regulation works had been constructed on the Severn river in Washago village, a large amount of rock excavation both in the canal prism and in submarine operations had been performed, and the Canadian National Railway diversion had been practically completed.

On that portion of the canal which has since June, 1918, been in regular operation, or between Trenton and Washago, a few small pieces of work were performed by the

construction forces. These included chiefly the re-flooring of bridges at Queensville road and Yonge street on the Holland River Division, and preliminary work in connection with the construction of a new lock at Bobcaygeon.

St. Peter's Canal

This canal, which was reconstructed between the years 1912 and 1917, has been in continuius opeartion throughout the year. The canal was opened for navigation on April 10, 1919, and closed on January 3, 1920. A total of 1,877 vessels made use of the canal during the open season.

The work of replacing the old wooden swing-bridge over the canal by a steel span, under contract with the Maritime Bridge Company, which was begun in 1918, was completed and the bridge opened to public traffic. Extensive repairs were made to the freight-sheds at both canal entrances. The old crib wharf at the Atlantic entrance, which had been damaged late in the season by a heavy storm, was put in thorough repair.

The winter of 1919-20 was the most severe which had been experienced in Cape Breton for many years and the work of keeping gates and machinery clear of ice was practically continuous. No damage, however, reseulted from this source.

Enlargement of the St. Lawrence Canals

For many years the question of the ultimate enlargement of the St. Lawrence Canal system between lake Ontario and Montreal has been studied by the engineers of this department, and much data relating thereto has been obtained.

During recent years, the work of completing definite plans for such an enterprise, became necessary in order to enable us to deal intelligently with proposals, by private corporations, for the development of isolated water-powers which might seriously conflict with any reasonable development of the navigation and power potentialities of the river as a whole. Under this impetus, plans were evolved for a comprehensive development of the upper section of the river.

During the past season, two boring parties have continued the investigation of sub-surface conditions on the sites proposed for structures, and one survey party has been employed obtaining information to supplement that already compiled from records here in the department.

A small office staff has been employed throughout the year in the preparation of plans for this work, and the chief engineer of the department is endeavouring to reach an agreement with a United States engineer who has been appointed by that Government to prepare plans for this undertaking with the hope of submitting a joint report to the International Joint Commission, to whom this undertaking has been referred.

Canal Traffic

The following are the principal features of the canal traffic during the season of 1919.

Canals.	1919 Compared with 1918.		
	Tons.	Increases.	Decreases.
Welland.			
Total freight moved	2,170,779		3,519
Agricultural products	778,449	490,463	
Petroleum	147,449		10,557
Forest products	91,682		32,297
Coal	986,246		416,112
Sand and stone	63,830		57,290
Total freight west (up)	188,463	6,543	
" " east	1,982,316		10,062
" " west and east	2,170,779		3,519
" " in Canadian vessels	1,752,577	395,012	
" " in United States vessels	418,202		201,408
" " to United States ports	18,636		71,700
Total grain through to Montreal	757,747	501,438	
St. Lawrence River Canals.			
Total freight move	2,891,619		139,515
Agricultural products	792,563	462,760	
Forest products	449,697	52,019	
Coal	1,315,564		659,432
Total through freight east (down)	2,116,464		278,285
" " west	372,824	25,937	
" " east and west	2,489,288		252,348
Ottawa River Canals.			
Total freight moved	218,438	51,268	
Forest products	114,355	29,815	
Sand and stone	76,220	23,085	
Chambly.			
Total freight moved	242,961		126,225
Forest products	123,042		96,345
Coal	95,641	5,272	
Rideau.			
Total freight moved	103,539	49,403	
Forest products	13,234	5,856	
Sand and stone	70,021	39,656	
Coal	4,536	858	
St. Peter's.			
Total freight moved	64,879	5,163	
Coal	41,159	691	
Murray.			
Total freight moved	108,250	63,515	
Trent.			
Total freight moved	52,953		11,940
Forest products	47,079		12,288
Sault Ste. Marie.			
Total freight moved	4,138,085		8,775,626
Coal	281,373		664,673
Iron ore	1,890,614		8,311,866
	Number.		
Wheat moved bushels	25,298,933		7,009,669
Other grain moved, bushels	23,303,205	12,566,403	
Flour moved, barrels	3,200,050	1,630,736	
Lumber moved, feet, board measure	3,903,000		1,084,800
Passage of vessels	4,069		990
Lockages	3,174		860
All Canals.			
Total freight moved, tons	9,995,266		8,888,353
Total passengers carried, number	291,800	79,649	
	Tons.		

CANALS OF CANADA

Name.	Location.	Length in Miles.	No. of Locks.	Minimum dimensions.		
				Length.	Width.	Depth.
St. Lawrence and Great Lakes.				Ft.	Ft.	Ft.
Lachine	Montreal to Lachine	8·50	5	270	45	14
Soulanges	Cascades Point to Coteau Landing	14·00	5	280	45	15
Cornwall	Cornwall to Dickinson's Landing	11·00	6	270	45	14
Farran's Point	Farran's Point Rapid	1·25	1	800	50	14
Rapide Plat	Rapide Plat, Morrisburg	3·67	2	270	45	14
Galops	Iroquois to Cardinal	7·33	3	.....	.....	14
Murray	Isthmus of Murray, Bay of Quinte	5·17	None	.....	.....	12
Welland	Port Dalhousie, Lake Ontario to Port Colborne, Lake Erie	26·75	26	270	44	14
Sault Ste. Marie	St. Mary's Rapids, 47 miles West of Lake Huron	1·41	1	900	60	19·5
Ottawa and Rideau rivers.						
Ste. Anne Lock	Junction of St. Lawrence and Ottawa rivers	0·12	1	200	45	9
Carillon	Carillon rapids, Ottawa river	0·75	2	200	45	9
Grenville	Long Sault Rapids, Ottawa river	5·75	5	200	45	9
Rideau	Ottawa to Kingston	126·25	47	134	33	5
	Rideau Lake to Perth (Tay Branch)	7·00	2	134	33	5
Richelieu river.						
St. Ours Lock	St. Ours, Que	0·12	1	200	45	7
Chambly	Chambly to St. Johns, Que	12·00	9	118	22·5	7
Miscellaneous.						
Trent	Trenton to Peterboro Lock, Peterboro	89·0	18	175	33	8·3
	Peterboro Lock to head of Lake Couchiching	114·6	23	134	33	6
	Sturgeon Lake to Port Perry (Scugog Branch)	30·0	1	142	33	6
St. Peter's	St. Peter's Bay to Bras d'Or Lakes, Cape Breton, N.S.	0·49	1	300	48	18

TABLE SHOWING THE DATES OF THE OPENING AND CLOSING OF THE CANALS FOR THE SEASONS, 1916, 1917, 1918 AND 1919

Canals	1917		1918		1919		1920	
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed
Lachine	April 25	Dec. 15	April 30	Dec. 17	April 16	Dec. 12	May 1	Dec. 11
Soulanges	" 25	" 15	May 1	" 17	" 18	" 12	" 1	" 11
Grenville	" 26	Nov. 26	" 1	Nov. 30	May 1	Nov. 25	" 1	Nov. 30
Carillon	" 26	" 26	" 1	" 30	" 1	" 25	" 1	" 30
Ste. Anne's	" 25	" 30	April 26	" 30	April 17	" 30	April 19	" 27
Chambly	May 1	" 27	May 1	" 30	May 1	" 30	May 1	Dec. 1
St. Ours	" 1	" 27	April 29	" 20	April 23	" 30	April 22	Nov. 25
Cornwall	April 14	Dec. 12	" 24	Dec. 17	" 17	Dec. 13	" 30	Dec. 12
Williamsburg—Farran's Point	" 17	" 10	" 26	" 16	" 17	" 17	" 29	" 13
Williamsburg—Rapide Plat	" 17	" 10	" 24	" 16	" 17	" 13	" 29	" 13
Williamsburg—Galops	" 17	" 10	" 24	" 16	" 17	" 13	" 29	" 13
Murray	" 18	" 1	" 21	" 7	" 14	" 4	" 12	" 4
Welland	" 18	" 8	" 23	" 20	" 19	" 13	" 19	" 15
Sault Ste. Marie	" 25	" 16	" 23	" 17	" 19	" 13	" 23	" 22
Rideau—At Ottawa	May 1	Nov. 30	May 1	Nov. 30	" 11	" 15	May 1	Nov. 30
Rideau—At Kingston	" 1	" 19	" 1	" 30	May 1	Nov. 28	" 1	" 29
Rideau—Hastings to Rice Lake	May 5	Dec. 4	May 6	" 16	May 15	Nov. 14	" 12	" 8
Rideau—Rice Lake to Peterborough	" 5	" 4	April 20	Dec. 4	May 3	Nov. 24	" 3	Oct. 30
Rideau—Peterborough to Lakefield	" 23	Nov. 19	May 17	Nov. 27	May 10	Nov. 25	" 8	Nov. 20
Rideau—Peterborough Lift Lock	" 24	" 3	" 17	" 6	May 15	Nov. 7	" 1	" 20
Rideau—Lakefield to Bobcaygeon	" 2	" 9	" 9	" 21	April 29	" 15	" 17	" 16
Trent—Bobcaygeon to Rosedale	" 12	" 14	" 6	" 28	" 21	" 18	" 18	" 6
Trent—Kirkfield Lift Lock	June 2	Oct. 24	" 24	Oct. 25	May 21	Oct. 23	" 1	" 20
Trent—Kirkfield to Lake Simcoe	May 26	Nov. 1	" 25	Nov. 1	May 7	" 23	April 24	" 13
Trent—Lake Simcoe to Orillia	" 26	" 1	" 25	" 5	May 1	Nov. 20	May 8	Oct. 20
Trent—Scugog River and Lindsay Lock	April 18	" 19	April 26	" 22	April 12	Nov. 23	" 14	" 19
St. Peter's	" 16	Jan. 15 1918	May 3	Jan. 13 1919	April 10	Jan. 3 1920	" 14	" 19
							" 8	Nov. 15
							April 19	Jan. 10 1921

REPORT OF A. W. CAMPBELL, M.E.I.C., COMMISSIONER OF HIGHWAYS

CANADA HIGHWAYS ACT

The Canada Highways Act, assented to on the 7th July, 1919, is designed to encourage the construction and improvement of highways by authorizing the payment, out of consolidated revenue fund of Canada, of the sum of $20,000,000 during the period of five years from the first day of April, one thousand, nine hunderd and nineteen.

The amount of this appropriation to which each of the provinces is entitled, under the Act, is as follows:—

Province	Amount
Prince Edward Island	$ 603,455
Nova Scotia	1,468,720
New Brunswick	1,163,845
Quebec	4,748,420
Ontario	5,877,275
Manitoba	1,602,265
Saskatchewan	1,806,255
Alberta	1,477,810
British Columbia	1,251,955

The highways to which aid is granted are to be constructed or improved in accordance with the terms of an agreement to be made by the minister with the Government of the provinces; such agreement to be approved by the Governor in Council and to contain such provisions as to location, cost, description, specifications, time and method of construction, supervision, and other particulars, as are necessary to protect the public interest. The amount of aid granted is forty per centum of the amount which, in the opinion of the minister, is the actual necessary and reasonable cost of the construction or improvement of such highway.

The Governor in Council is authorized to make such regulations as are deemed advisable for giving effect to the objects and purposes of the Act. The Act is being administered by the Department of Railways and Canals, through a commissioner. An Honourary Advisory Highway Council of three members was appointed to assist in the development of the policy to be followed in the organization of the necessary staff. The Minister of Railways and Canals is chairman of such council.

After meeting with representatives of the several provinces and giving the whole subject much careful consideration, the Advisory Council prepared and submitted for approval a draft of such regulations as in their opinion would be most suitable to meet the conditions and requirements of the different parts of the country and carry out the spirt and intention of the Act. These regulations were approved by Governor in Council and published in the *Canada Gazette* on the 13th day of December, 1919.

The chief conditions laid down are that the highways to be aided shall comprise such main and market roads as have been designated by the provinces, with a view to encouraging production and stimulating trade and commerce, and as shall be approved by the minister; and that the expenditures called for, under the Canada Highways Act, should supplement the usual amounts granted and devoted to the construction and improvement of highways by the province itself; that, before any agreement be made with respect to any road to be improved, there should be furnished to the minister by the province a statement setting forth a programme for construction or improvement of a system of highways in the province within the five-year period and towards which the Federal grant shall be applied. This statement to be accompanied by a general map of the proposed programme bearing the approval of the Provincial Government and its Highways Department.

The programme map to include:—

1. Roads having greatest local agricultural and commercial importance.

2. Roads having both local and general importance, and that these programmes should be so adjusted and arranged that the whole, when co-related, would form, as far as possible, a general system of interprovincial highways; that applications for specific portions of these roads might then be made from time to time as the necessary information was secured and arrangements made by the provinces for carrying out the work. These applications to be embodied in project statements and to contain the following information:—

(*a*) The purposes the undertaking will serve, and why it is in the public interest:

(*b*) The character and extent of traffic, present and prospective, on the road;

(*c*) How the undertaking relates to the provincial programme;

(*d*) A statement of the type of construction or improvement it is proposed to make, together with a report of the engineer of the Provincial Highways Department endorsing the adoption of the proposed type and the design thereof as being the most economical and practicable in the public interest, his reasons therefor, and a full explanation of any special or unusual features thereof;

(*e*) The administrative control of and responsibility for the undertaking;

(*f*) The source and method of procuring the necessary money for the undertaking and the extent to which interested municipalities contribute thereto;

(*g*) Plans in standard form to be prescribed by the minister and in detail following accepted engineering practice, together with a sketch map showing the position of the proposed project on the general programme map of the province;

(*h*) Specifications in standard form to be prescribed by the minister setting forth the proposed type and method of construction, materials to be used, and other essentials, in such detail as to afford complete knowledge of all steps to be taken in carrying out the project;

(*i*) Copies of the form of contract to be used, together with all documents referred to therein or made a part thereof; and

(*j*) Estimated cost of the project, giving a schedule of quantities and the estimated cost of each item in detail.

It was thought advisable not to include in the cost of the work right of way and incidental damages, bridges, viaducts, subways, exceptional grade separation, provincial overhead and administrative expenses, the making of surveys, plans, specifications and estimates, or any engineering expenses incident to the project prior to the beginning of actual construction; the cost of culverts up to 20-foot span, however, to be allowed; the whole of the work to be done by the province under the direction and supervision of the Provincial Highway Department, and to include adequate inspection of work by competent engineers throughout the course of construction, and all work towards which Federal aid is applied is to be inspected and approved by engineers of this department, and all accounts to be subject to audit by the department.

Each agreement is to contain an undertaking by the province to maintain the work so aided up to the standard of construction of each particular class of completed highway.

After the regulations had been promulgated, the different provinces undertook the preparation of the necessary programme plan of the general system of road called for. None of these were completed prior to the close of the fiscal year, 1919-20, though shortly thereafter each of the provinces filed the necessary general programme plan, which were all found satisfactory, and work has this season been carried on in accordance with these. Full details of such work will be included in the annual report for 1920.

SESSIONAL PAPER No. 20

REPORT OF THE DEPARTMENTAL ACCOUNTANT

SUMMARY.

GENERAL SUMMARY of the Expenditure and the Revenue for the Fiscal Year ending March 31, 1920, and previous years.

	$ cts.	$ cts.
I.—EXPENDITURE.		
Total expenditure for the year as per statements following pages 4 to 26.		69,778,274 85
This expenditure is divided as follows:—		
Total expenditure on Railways for the year including Quebec Bridge and Railway Subsidies, pages 7 and 8	60,505,230 49	
Total expenditure on Canals for the year, page 9	6,995,152 94	
General expenditure common to both Railways and Canals, for the year, page 9	2,277,891 42	
		69,778,274 85
The grand total of the expenditure to March 31, 1920 on Railways and Canals, as shown on page 23 of this report, amounts to		1,137,241,578 52
This expenditure is divided as follows:—		
Grand total expenditure on Railways, including Quebec Bridge and Railway Subsidies	951,008,438 13	
Grand total expenditure on Canals	178,427,952 67	
Grand total general expenditure, common to both Railways and Canals	7,805,187 72	
		1,137,241,578 52
II.—REVENUE RECEIVED.		
The revenue from both Railways and Canals for the fiscal year amounts to		41,844,254 38
Revenue from Railways	41,402,061 36	
Revenue from the Canals	442,193 02	
		41,844,254 38
The grand total of the revenue to March 31, 1920, on Railways and Canals amounts to (see page 19)		372,962,029 85
Grand total of the revenue from the Railways	355,052,042 39	
Grand total of the revenue from the Canals amounts to	17,909,987 46	372,962,029 85

The sundry classifications of the expenditure and the revenue are shown on pages 4 to 10 for the fiscal year and page 23 for the expenditure previous to Confederation and since. Further details on the expenditure will be shown in the report of the management of the Canadian Government Railways, Appendix II.

The principal expenditures during the fiscal year were as follows:—	$ cts.
Working expenses, Canadian Government Railways	48,194,709 86
Construction and betterments, Canadian Government Railways	6,543,069 97
Welland Ship Canal, construction	3,517,590 71
International Railway of New Brunswick, purchase price	2,676,901 05
Canals, expenditure on	2,066,522 34
Miscellaneous railway equipment, vote 96	1,853,207 67
Rolling Stock, Canadian Government Railways	1,587,769 31
Trent canal, construction	1,052,310 96
Quebec and Saguenay Railway, construction	549,771 63
" " " " equipment	21,227 69
War appropriation	391,688 13
Restoration of Port Colborne elevator	349,905 01
Railway subsidies, statutory	334,845 55
Canadian Northern Railway, purchase of balance of capital stock	266,666 66
Railway Commission, maintenance	184,452 63
Right of way claims, National Transcontinental Railway	130,054 21
Surveys and inspection railways	77,894 82
Railway Commission, statutory	57,889 26
St. Martin's Railway, purchase price	48,750 00
Workmen's Compensation Act	23,275 53
Hudson Bay Railway, construction	17,671 02
Expenditure, Grand Trunk Railway acquisition	14,930 55
York and Carleton Railway, purchase price	13,500 00
Railway Grade Crossing Fund	12,359 74
General—Sundries less various credits	45,470 70
Total	70,032,435 00
Less credits as follows:	
Quebec Bridge: Sale of material to Canadian Northern Railway $ 880 65	
Hudson Bay Railway: Sale of material to Canadian Northern Railway. 253,279 50	
	254,160 15
Net Expenditure	69,778,274 85

EXPENDITURE.

GENERAL STATEMENT of Expenditure during the Year ending March 31, 1920.

	$ cts.	$ cts.
TOTAL EXPENDITURE—as per statements, pages 7, 8 and 9		69,778,274 85
Expenditure chargeable to Railways	59,796,357 86	
" " Railways, general	374,907 73	
" " Quebec bridge	*880 65*	
" " railway subsidies	334,845 55	
Total expenditure, railways		60,505,230 49
Expenditure chargeable to canals	6,782,763 89	
" " canals, general	212,389 05	
Total expenditure, canals		6,995,152 94
General expenditure	2,277,891 42	2,277,891 42
Total expenditure		69,778,274 85
CLASSIFICATION OF EXPENDITURE IN GENERAL—		
Capital account	18,025,040 24	
Revenue account	49,820,684 87	
Income account		
Consolidated Fund (railway subsidies) income	334,845 55	
Total expenditure		
CLASSIFICATION OF EXPENDITURE BY ACCOUNTS—		
Railways—		
Capital expenditure—Railways	11,593,148 00	11,593,148 00
" " General		
Revenue expenditure—Railways	48,194,709 96	
" " Railways, general	8,500 00	48,203,209 86
Income expenditure—Railways, general	374,907 73	374,907 73
Quebec Bridge—		
Capital expenditure—Quebec bridge	*880 65*	*880 65
Railways Subsidies—		
Consolidated Fund—Railway subsidies	334,845 55	334,845 55
Total expenditure, Railways, $60,505,230.49.		
Canals—		
Capital expenditure—Canals	4,579,565 22	4,579,565 22
Income " Canals	743,877 26	
" " Canals, general	54,235 45	798,112 71
Revenue " Canals staff	745,986 58	
" " Canals staff, general	114,575 98	860,562 56
" " Canals repairs	713,334 83	
" " Canals repairs, general	43,577 62	756,912 45
Total expenditure on Canals, $6,995,152.94.		
General Expenditure Capital account	1,853,207 67	
" " Income account	424,683 75	2,277,891 42
Total expenditure		69,778,274 85

*The figures in Italics denote credits against previous expenditure.

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REVENUE.

GENERAL STATEMENT of the Revenue received during the Year ending March 31, 1910.

	$ cts.	$ cts.
TOTAL REVENUE RECEIVED DURING FISCAL YEAR		41,844,254 38
Revenue from railways	41,402,061 36	
" canals	442,193 02	
Total revenue as above		41,844,254 38
STATEMENT OF REVENUE RECEIVED, IN DETAIL—		
Railways—		
Intercolonial Railway, including New Brunswick and Prince Edward Island Railway	28,356,584 86	
International Railway of New Brunswick	176,916 92	
National Transcontinental Railway	11,647,082 11	
Prince Edward Island Railway	921,456 52	
Moncton and Buctouche Railway	50,340 54	
Elgin and Havelock Railway	22,388 82	
St. Martin's Railway	17,696 24	
York and Carleton Railway	9,111 15	
Salisbury and Albert Railway	59,549 16	
Total	41,261,126 32	
St. John and Quebec Railway	140,935 04	
Total revenue from railways		41,402,061 36
Canals—		
Welland Canal	75,295 76	
Welland Canal Elevator, Port Colborne	123,862 95	
Welland Ship Canal	4,510 00	
Lachine Canal	162,071 48	
Beauharnois Canal	14,816 15	
Cornwall Canal	39,335 15	
Williamsburg Canal	3,167 10	
Soulanges Canal	3,521 49	
Chambly Canal	725 00	
Carillon and Grenville Canal	845 00	
Rideau	9,144 11	
Trent Canal	4,338 71	
St. Peter's Canal	7 00	
Sault Ste. Marie Canal	115 00	
Murray Canal	244 00	
Ste. Anne Lock and Canal	194 12	
Chats Falls Canal		
Total revenue from canals		442,193 02
Total revenue received during fiscal year		41,844,254 38

EXPENDITURE on Railways for year ended March 31, 1920.

Name of Railways.	Capital.	Income.	Revenue Working Expenses.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.
Intercolonial Railway	4,337,512 44		30,697,723 74	35,035,236 18
New Brunswick and Prince Edward Island Railway	11,725 75		*	11,725 75
Prince Edward Island Railway	186,802 03		1,543,858 45	1,730,660 48
*International Railway of New Brunswick, purchase price	2,676,901 05			
International Railway of New Brunswick, construction betterments	90,611 84	*	496,742 39	3,264,255 28
National Transcontinental Railway	1,569,903 89		14,632,451 71	16,202,355 60
Moncton & Buctouche Railway	62,201 72		116,720 28	178,922 00
Salisbury & Albert Railway	85,478 13		153,403 32	238,881 45
St. Martin's Railway—Purchase price	48,750 00			
Construction and betterments	41,632 76		72,483 52	162,866 28
Elgin & Havelock Railway	24,230 24		63,961 72	88,191 96
York & Carleton Railway—Purchase price	13,500 00			
Construction and betterments	458 34		29,755 99	43,714 33
Quebec & Saguenay Railway	803,384 63			803,384 63
—Misc. equipment, account	21,227 69			21,227 69
St. John & Quebec Railway			387,608 74	387,608 74
Hudson Bay Railway.....$ 17,671 02				
LESS—Proceeds of sale of ties, timber and telegraph materials to Canadian National Rlys. *253,279 50*				
	235,608 48			*235,608 48*
Canadian Northern Railway—Stock, balance of—Statutory	266,666 66			266,666 66
Canadian Government Railways—Miscellaneous railway equipment	1,587,769 31			1,587,769 31
Total	11,593,148 00		48,194,709 86	59,787,857 86
Quebec Bridge—Credit cheque from Canadian National Railways for services of Quebec Bridge engineers during March, 1919	*880 65*			*880 65*
Railway subsidies		334,845 55		334,845 55
	11,592,267 35	334,845 55	48,194,709 86	60,121,822 76

EXPENDITURE on Railways for the year ended March 31, 1920—*Concluded.*

Name of Railways.	Capital.	Income.	Revenue Working Expenses.	Total.
General on Railways.	$ cts.	$ cts.	$ cts.	$ cts.
Railway Commission, maintenance		184,452 63		184,452 63
Railway Commission, statutory		57,889 26		57,889 26
Commissioner of Highways		8,763 98		8,763 98
Surveys and inspections		77,894 82		77,894 82
Railway Grade Crossing Fund		12,359 74		12,359 74
Governor General's cars, attendance, etc		4,977 75		4,977 75
Contribution to the International Association of Railways Congress		97 33		97 33
Contribution to the Faculty of McGill University		2,500 00		2,500 00
Contribution to the Faculty of the Polytechnic School, Montreal		2,500 00		2,500 00
To provide for audit on behalf of the Government of any railway company in Canada		8,541 67		8,541 67
To provide for payment of expenses in connection with acquisition of the Grand Trunk and associated Railway Systems		14,930 55		14,930 55
Compassionate allowances to families of deceased employees			8,500 00	8,500 00
		374,907 73	8,500 00	383,407 73
Grand total railways	11,592,267 35	709,753 28	48,203,209 86	60,505,230 49
Miscellaneous.				
War appropriation		391,688 13		391,688 13
Miscellaneous railway equipment	1,853,207 67			1,853,207 67
Printing and stationery		6,923 13		6,923 13
Costs of litigation		2,796 96		2,796 96
Workmen's Compensation Act, Chapter 15, Statutes of Canada, 1918		23,275 53		23,275 53
Total	1,853,207 67	424,683 75		2,277,891 42

*Included with the Intercolonial Railway, Working Expenses.

EXPENDITURE on Canals for Year ended March 31, 1920.

Name of Canal.	Chargeable to Capital.	Chargeable to Income.	Chargeable to Revenue.		Total.
			Staff.	Repairs.	
	$ cts.	$ cts.	$ cts.	$ cts	$ cts.
Carillon and Grenville		13,065 21	26,387,32	21,388 15	60,840 68
" " Exchequer Court awards, 1915-16	9,663 55				9,663 55
Chambly		11,953 04	38,256 88	51,217 06	101,426 98
Cornwall		25,153 55	85,421 31	47,305 99	157,880 85
Lachine		24,018 45	104,084 51	117,467 26	245,570 22
Murray		34 65	7,390 30	3,703 29	11,128 24
Rideau		2,646 83	66,877 80	102,140 94	171,665 57
Sault Ste. Marie			28,832 20	27,586 88	56,419 08
Soulanges		70,980 21	37,183 58	90,543 32	198,707 11
Ste. Anne Lock			4,482 85	5,337 92	9,820 77
St. Ours Lock			4,845 28	6,592 52	11,437 80
St. Peter's		8,093 59	4,611 03	201 43	12,906 05
Trent	1,050,798 13	77,251 36	97,218 42	63,343 48	1,288,611 39
" Exchequer Court Award, 1915-16	1,512 83				1,512 83
Welland		481,856 67	199,316 46	158,061 28	839,234 41
Welland Ship	3,499,963 35				3,499,963 35
" Exchequer Court Award 1915-16	17,627 36				17,627 36
Williamsburg		28,823 70	41,078 64	18,445 31	88,347 65
	4,579,565 22	743,877 26	745,986 58	713,334 83	6,782,763 89
General on Canals.					
Dredge vessels, Quebec canals				9,083 75	9,083 75
Dredge vessels, Rideau canal				28,965 25	28,965 25
Statistical officers			36,360 27		36,360 27
Sunday labour			58,353 00		58,353 00
Surveys and inspections		45,411 53			45,411 53
Quebec Canals.					
Maintenance			17,862 71		17,862 71
Hungry Bay dyke				5,528 62	5,528 62
Miscellaneous.					
Civil Service Amendment Act, gratuities to dependents of deceased employees		8,823 92			8,823 92
Compassionate allowance to Mrs. George Peterkin, mother of the late Herve Bazinet			500 00		500 00
Compassionate allowance to widow of the late Louis Couture			1,500 00		1,500 00
Total		54,235 45	114,575 98	43,577 62	212,389 05
Grand total	4,579,565,22	798,112 71	860,562 56	756,912 45	6,995,152 94

RECAPITULATION OF EXPENDITURE.

——	Capital.	Income.	Revenue.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.
Expenditure on Railways, including subsidies	11,592,267 35	709,753 28	48,203,209 86	60,505,230 49
Expenditure on canals	4,579,565 22	798,112 71	1,617,475 01	6,995,152 94
Miscellaneous expenditure, general	1,853,207 67	424,683 75		2,277,891 42
Grand total	18,025.040 24	1,932,549 74	49,820,684 87	69,778,274 85

IMPERIAL GOVERNMENT ACCOUNT.

STATEMENT of Expenditure to March 31, 1920 in connection with the lifting of rails for the use of the Imperial Government; all costs, damages and expenses to be borne by His Majesty's Government in England as per Order in Council, Ottawa, Dec. 19, 1916.

	$ cts.
Expenditure fiscal year 1916-17	393,053 86
" " 1917-18	3,603,279 05
" " 1918-19	178,680 85
" " 1919-20	348,103 36
Total	4,523,117 12

MISCELLANEOUS OPEN RAILWAY EQUIPMENT ACCOUNT.

STATEMENT of Expenditure, Refunds and Outstanding Balances at close of the Fiscal Year ending March 31, 1920.

	Balance 1918-19	Debits 1919-20	Total	Credits	Balance
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Canadian Pacific Railway Company	379,531 76	232,607 47	612,139 23	200,210 16	411,929 07
Canadian Northern Railway	Nil	23,624,328 53	23,624,328 53	23,624,328 53	Nil
Canadian Copper Company	Nil	199 44	199 44	Nil	199 44
Grand Trunk Railway	1,377,463 27	1,563,067 52	2,940,530 79	Nil	2,940,530 79
Grand Trunk Pacific Railway	Nil	63,580 86	63,580 86	Nil	63,580 86
Toronto, Hamilton and Buffalo Railway	Nil	3,480 13	3,480 13	6,960 27	3,480 14
Suspense account—(Un-allocated charges)	14,604 53	16,964 93	31,569 46	2,815 99	28,753 47
Suspense account—(Advances)	19,732 41	*19,732 41*	Nil	Nil	Nil
	1,791,331 97	25,484,496 47	27,275,828 44	23,834,314 95	3,441,513 49
Quebec and Saguenay Railway	207,092 20	21,227 69	228,319 89	Nil	228,319 89
Canadian Government Railways	Nil	1,587,769 31	1,587,769 31	1,587,769 31	
	1,998,424 17	27,093,493 47	29,091,917 64	25,422,084 26	3,669,833 38

SUMMARY.

Balance due March 31, 1919, as above	$ 1,791,331 97
Less payments received on account	203,026 15
Total	$ 1,588,305 82
Balance accrued during 1919-1920	1,853,207 67
Net balance due March 31, 1920, as above	$ 3,441,513 49

Expenditure on Canals to March 31, 1920.

CAPITAL ACCOUNT.

Canals	Previous Years	1919-20	Total
	$ cts.	$ cts.	$ cts.
Baie Verte			
Beauharnois	1,636,690 26		1,636,690 26
Carillon and Grenville	4,182,092 96	9,663 55	4,191,756 51
Chambly	780,996 52		780,996 52
Cornwall	7,246,304 21		7,246,304 21
Culbute Lock and Dam	382,391 46		382,391 46
Lachine	14,132,684 80		14,132,684 80
Lake St. Francis	75,906 71		75,906 71
Lake St. Louis	298,176 11		298,176 11
Murray	1,248,946 71		1,248,946 71
Rideau	4,210,274 31		4,210,274 31
Sault Ste. Marie	4,935 809 42		4,935,809 42
Soulanges	7,904,044 53		7,904,044 53
Ste. Anne Lock	1,170,215 63		1,170,215 63
St. Lawrence River and Canals—			
North Channel	1,995,142 87		1,995,142 87
River Reaches	483,830 20		483,830 20
Galops Channel	1,039,895 65		1,039,895 65
St. Ours Lock	127,228 56		127,228 56
St. Peter's	648,547 14		648,547 14
Tay	489,599 23		489,599 23
Trent	17,222,220 67	1,052,310 96	18,274,531 63
Welland	29,399,405 93		29,399,405 93
Welland Ship	16,752,845 54	3,517,590 71	20,270,436 25
Williamsburg	1,334,551 80		1,334,551 80
Farran's Point	877,090 57		877,090 57
Galops	6,143,468 11		6,143,468 11
Rapide Plat	2,159,880 80		2,159,880 80
Total	126,878,240 70	4,579,565 22	131,457,805 92
Canals General	34,966 69		34,966 69
Grand total	126,913,207 39		131,492,772 61

INCOME ACCOUNT.

Baie Verte	44,387 53		44,387 53
Beauharnois	265,810 84		265,810 84
Carillon and Grenville	354,401 38	13,065 21	367,466 59
Chambly	762,165 94	11,953 04	774,118 98
Cornwall	593,652 62	25,153 55	618,806 17
Culbute Lock and Dam	60,923 37		60,923 37
Lachine	1,610,889 08	24,018 45	1,634,907 53
Lake St. Francis	25,043 68		25,043 68
Lake St. Louis			
Murray	101,423 11	34 65	101,457 76
Rideau	676,832 22	2,646 83	679,479 05
Sault Ste. Marie	280,098 04		280,098 04
Soulanges	160,065 88	70,980 21	231,046 09
St. Anne Lock	85,429 18		85,429 18
St. Lawrence River and Canals	128,298 11		128,298 11
St. Ours Lock	174,028 88		174,028 88
St. Peters	727,456 63	8,093 59	735,550 22
Tay	748 65		748 65
Trent	987,317 53	77,251 36	1,064,568 89
Welland	1,631,821 26	481,856 67	2,113,677 93
Welland Ship			
Williamsburg	320,670 42	28,823 70	349,494 12
Total	8,991,464 35	743,877 26	9,735,341 61
Canals, General	693,123 53	54,235 45	747,358 98
Grand total	9,684,587 88	798,112 71	10,482,700 59

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EXPENDITURE on Canals to March 31, 1920.

REVENUE ACCOUNT—REPAIRS.

Canals	Previous Years	1919–20	Total
	$ cts.	$ cts.	$ cts.
Baie Verte	.....	.....	.....
Beauharnois	525,691 23	.....	525,691 23
Carillon and Grenville	608,470 42	21,388 15	629,858 57
Chambly	1,019,625 45	51,217 06	1,070,842 51
Cornwall	1,082,225 24	47,305 99	1,129,531 23
Culbute Lock and Dam	7,036 15	.....	7,036 15
Lachine	2,402,653 21	117,467 26	2,520,120 47
Murray	107,586 80	3,703 29	111,290,09
Rideau	1,916,818 40	102,140 94	2,018,959 34
Sault Ste. Marie	421,775 54	27,586 88	449,362 42
Soulanges	608,440 46	90,543 32	698,983 78
Ste. Anne Lock	150,088 78	5,337 92	155,426 70
St. Lawrence River and Canals	.....	.....	.....
St. Ours Lock	108,061 21	6,592 52	114,653 73
St. Peter's	36,479 38	201 43	36,680 81
Trent	835,193 76	63,343 48	898,537 24
Welland	3,951,155 55	158,061 28	4,109,216 83
Welland Ship	.....	.....	.....
Williamsburg	661,557 77	18,445 31	680,003 08
Total	14,442,859 35	713,334 83	15,156,194 18
Canals, General	591,914 03	43,577 62	635,491 65
Grand total	15,034,773 38	756,912 45	15,791,685 83

REVENUE ACCOUNT—STAFF.

Beauharnois	649,574 89	.....	649,574 89
Carillon and Grenville	868,136 87	26,387 32	894,524 19
Chambly	1,059,979 67	38,256 88	1,098,236 55
Cornwall	1,817,226 53	85,421 31	1,902,647 84
Culbute Lock and Dam	11,507 48	.....	11,507 48
Lachine	2,961,855 52	104,084 51	3,065,940 03
Murray	153,947 69	7,390 30	161,337 99
Rideau	1,857,435 54	66,877 80	1,924,313 34
Sault Ste. Marie	480,349 26	28,832 20	509,181 46
Soulanges	617,740 94	37,183 58	654,924 52
Ste. Anne Lock	124,605 11	4,482 85	129,087 96
St. Ours Lock	127,548 64	4,845 28	132,393 92
St. Peter's	127,725 35	4,611 03	132,336 38
Trent	715,488 72	97,218 42	812,707 14
Welland	5,286,804 36	199,316 46	5,486,120 82
Williamsburg	730,955 33	41,078 64	772,033 97
Total	17,590,881 90	745,986 58	18,336 868 48
Canals, General	2,209,349 18	114,575 98	2,323,925 16
Grand total	19,800,231 08	860,562 56	20,660,793 64

Total Expenditure by Canal to March 31, 1920.

Canals	Capital	Income	Revenue		Totals
			Staff	Repairs	
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Baie Verte		44,387 53			44,387 53
Beauharnois	1,636,690 26	265,810 84	649,574 89	525,691 23	3,077,767 22
Carillon and Grenville	4,191,756 51	367,466 59	894,524 19	629,858 57	6,083,605 86
Chambly	780,996 52	774,118 98	1,098,236 55	1,070,842 51	3,724,194 56
Cornwall	7,246,304 21	618,806 17	1,902,647 84	1,129,531 23	10,897,289 45
Culbute Lock and Dam	382,391 46	60,923 37	11,507 48	7,036 15	461,858 46
Lachine	14,132,684 80	1,634,907 53	3,065,940 03	2,520,120 47	21,353,652 83
Lake St. Francis	75,906 71	25,043 68			100,950 39
Lake St. Louis	298,176 11				298,176 11
Murray	1,248,946 71	101,457 76	161,337 99	111,290 09	1,623,032 55
Rideau	4,210,274 31	679,479 05	1,924,313 34	2,018,959 34	8,833,026 04
Sault Ste. Marie	4,935,809 42	280,098 04	509,181 46	449,362 42	6,174,451 34
Soulanges	7,904,044 53	231,046 09	654,924 52	698,983 78	9,488,998 92
St. Anne Lock	1,170,215 63	85,429 18	129,087 96	155,426 70	1,540,159 47
St. Lawrence River Canals—					
North Channel	1,995,142 87				
River Reaches	483,830 20	128,298 11			3,647,166 83
Galops Channel	1,039,895 65				
St. Ours Lock	127,228 56	174,028 88	132,393 92	114,653 73	548,305 09
St. Peter's	648,547 14	735,550 22	132,336 38	36,680 81	1,553,114 55
Tay	489,599 23	748 65			490,347 88
Trent	18,274,531 63	1,064,568 89	812,707 14	898,537 24	21,050,344 90
Welland	29,399,405 93	2,113,677 93	5,486,120 82	4,109,216 83	41,108,421 51
Welland Ship	20,270,436 25				20,270,436 25
Williamsburg	1,334,551 80				
Farran's Point	877,090 57				
Galops	6,143,468 11	349,494 12	772,033 97	680,003 08	12,316,522 45
Rapide Plat	2,159,880 80				
Total	131,457,805 92	9,735,341 61	18,336,868 48	15,156,194 18	174,686,210 19
Canals, General	34,966 69	747,358 98	2,323,925 16	635,491 65	3,741,742 48
Grand total	131,492,772 61	10,482,700 59	20,660,793 64	15,791,685 83	178,427,952 67

YEARLY EXPENDITURE on Canals and Revenue received to March 31, 1920.

——	Year ending	Capital	Income	Revenue		Revenue received
				Staff	Repairs	
		$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Government expenditure prior to Confederation, including Imperial Government expenditure	.....	20,593,866 13	98,378 46	.....	.....	.....
Government expenditure (1868 to 1879 included)	.....	17,004,842 55	515,196 21	1,830,398 92	1,832,998 61	5,079,068 36
Govt. expenditure since	1880	2,123,366 34	.....	195,039 33	147,167 52	341,598 14
" "	1881	2,075,891 65	7,246 69	197,573 62	154,653 63	361,558 17
" "	1882	1,593,174 09	55,025 03	224,572 61	187,399 02	325,231 54
" "	1883	1,763,001 97	62,503 14	269,415 01	178,617 86	361,604 01
" "	1884	1,577,295 42	60,993 99	280,657 29	192,219 38	372,561 69
" "	1885	1,504,621 47	58,298 29	280,226 20	201,708 47	321,289 47
" "	1886	1,333,324 80	31,984 02	282,323 63	198,251 97	328,977 43
" "	1887	1,783,698 16	65,983 06	285,172 62	198,888 84	321,784 88
" "	1888	1,033,118 34	120,561 59	292,458 76	201,928 93	317,902 04
" "	1889	972,918 43	162,015 49	301,040 23	240,261 36	333,188 90
" "	1890	1,026,364 24	146,853 54	290,516 63	176,089 00	354,816 92
" "	1891	1,318,092 15	165,843 87	294,562 12	204,768 45	349,431 90
" "	1892	1,437,149 30	194,129 61	293,115 58	231,089 54	324,475 24
" "	1893	2,069,573 30	196,185 84	291,048 97	204,759 39	357,089 87
" "	1894	3,027,164 19	110,512 07	294,446 34	179,630 13	387,788 97
" "	1895	2,452,273 65	216,057 58	281,477 04	164,033 71	339,890 49
" "	1896	2,258,778 97	85,820 49	292,121 05	209,321 60	339,538 72
" "	1897	2,348,636 91	101,205 74	287,970 36	178,385 47	384,780 54
" "	1898	3,207,249 79	82,400 55	280,872 44	203,478 86	407,652 82
" "	1899	3,899,877 31	82,205 60	280,628 57	202,312 36	369,044 33
" "	1900	2,639,564 93	120,653 93	292,609 24	227,626 97	322,642 81
" "	1901	2,360,569 89	135,500 57	314,095 04	262,876 07	315,425 68
" "	1902	2,114,689 88	213,044 91	317,838 61	263,768 27	300,413 66
" "	1903	1,823,273 61	275,103 58	390,281 82	294,113 92	230,213 19
" "	1904	1,880,787 20	298,678 23	381,016 82	350,278 54	†79,536 58
" "	1905	2,071,593 72	352,855 43	431,499 60	401,742 79	78,009 25
" "	1906	1,552,121 21	310,716 70	447,962 92	375,889 60	108,067 71
" "	1907	887,838 61	254,423 18	329,629 63	287,231 03	105,003 11
" "	1908	1,708,156 37	483,250 11	473,638 95	411,660 53	144,882 16
" "	1909	1,868,834 45	699,304 73	475,515 04	433,958 10	199,501 25
" "	1910	1,650,706 64	459,835 62	515,585 16	491,793 02	193,384 23
" "	1911	2,349,474 49	385,534 55	511,305 94	471,530 32	221,138 46
" "	1912	2,554,938 91	384,860 73	585,899 54	555,709 95	264,114 48
" "	1913	2,255,448 21	292,960 26	605,248 57	535,135 66	307,567 69
" "	1914	2,824,536 79	351,397 24	642,844 68	574,038 68	380,188 08
" "	1915	5,490,796 03	405,806 32	675,170 67	562,599 27	427,763 16
" "	1916	6,142,148 96	348,174 41	697,532 44	529,565 23	446,722 26
" "	1917	4,304,589 09	372,102 96	700,022 11	486,167 67	461,423 14
" "	1918	1,781,957 07	90,255 66	743,857 09	540,331 49	414,868 21
" "	1919	2,211,935 48	137,604 37	733,090 71	698,878 14	387,654 90
" "	1920	4,579,565 22	743,877 26	745,986 58	713,334 83	442,193 02
Total*	.....	131,457,805 92	9,735,341 61	18,336,868 48	15,156,194 18	17,909,987 46

*This does not include expenditure which has been charged to Miscellaneous Canals Expenditure but only the amount expended on specific canals.

†Canal tolls abolished this year.

STATEMENT of Canals, Revenue for Year ending March 31, 1920.

Divisions	Dues	Rents	Total
	$ cts.	$ cts.	$ cts.
Welland Canal—			
Port Colborne	270 19	11,131 90	11,402 09
" Elevator	123,862 95	.....	123,862 95
Port Dalhousie	374 83	63,518 84	63,893 67
Total	124,507 97	74,650 74	199,158 71
Welland Ship Canal	.....	4,510 00	4,510 00
St. Lawrence Canals—			
Coteau Landing, Beauharnois Canal	.....	14,816 15	14,816 15
" Soulanges Canal	4 00	3,517 49	3,521 49
Cornwall	792 45	38,542 70	39,335 15
Cardinal Williamsburg Canal	35 00	3,142 10	3,167 10
Lachine Canal, Montreal	12,874 99	148,519 46	161,394 45
" Lachine	677 03	.....	677 03
Total	14,383 47	208,527 90	222,911 37
Chambly Canal	.....	567 00	567 00
Chambly	12 00	56 00	68 00
St. Johns	4 00	26 00	30 00
St. Ours	.....	60 00	60 00
Total	16 00	709 00	725 00
Ottawa River Canals—			
Carillon and Grenville Canals	.....	192 00	192 00
" Grenville	.....	17 00	17 00
" Carillon	.....	636 00	636 00
Ste. Anne Lock	41 12	153 00	194 12
Chats Falls Canal	.....	.....	.....
Total	41 12	998 00	1,039 12
Rideau Canal	.....	1,915 50	1,915 50
Ottawa	320 00	3,376 66	3,696 66
Kingston Mills	20 00	323 00	343 00
Smith's Falls	45 00	3,143 95	3,188 95
Total	385 00	8,759 11	9,144 11
St. Peter's Canal	.....	7 00	7 00
Murray Canal	.....	244 00	244 00
Trent Canal	100 00	4,238 71	4,338 71
Sault Ste. Marie Canal	.....	115 00	115 00
Grand total	139,433 56	302,759 46	442,193 02
Net amount deposited to credit of Receiver General	.....	.....	442,193 02

STATEMENT of Hydraulic and other rents, showing rent accrued, paid and balances due March 31, 1920.

Balance due April 1, 1919.	Hydraulic and other rents accrued.	Lock House Rents.	Totals.	Canals.	Abatement for overcharges.	Deposited to the credit of the the Receiver General.		Balance due March 31, 1920	Totals.
						Lock House Rents.	Hydraulic Rents, etc.		
$ cts.	$ cts.	$ cts.	$ cts.		$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
70,493 85	72,366 45	.....	142,860 30	Welland	2,007 95	.....	74,650 74	66,201 61	142,860 30
281 00	5,461 67	.....	5,742 67	Welland Ship	491 67	.....	4,510 00	741 00	5,742 67
13,116 67	5,897 10	216 00	19,229 77	Williamsburg	9,749 00	216 00	2,916 10	6,348 67	19,229 77
1,565 10	38,456 50	.....	40,021 60	Cornwall	371 40	.....	38,542 70	1,107 50	40,021 60
5,767 09	14,816 15	.....	20,583 24	Beauharnois	.....	.....	14,816 15	5,767 09	20,583 24
38,824 91	143,017 06	204 00	182,045 97	Lachine	1,744 66	204 00	148,315 46	31,781 85	182,045 97
797 84	136 00	627 00	1,560 84	Chambly	.....	627 00	82 00	851 84	1,560 84
9,947 03	7,297 61	1,915 50	19,160 14	Rideau	1,020 50	1,915 50	6,843 61	9,380 53	19,160 14
42,889 45	17,336 37	1,402 33	61,628 15	Trent	66 00	1,402 33	2,836 38	57,323 44	61,628 15
85 00	140 00	.....	225 00	Sault Ste. Marie	60 00	.....	115 00	50 00	225 00
21,388 08	645 00	192 00	22,225 08	Carillon and Grenville	.....	192 00	653 00	21,380 08	22,225 08
.....	3,236 49	281 00	3,517 49	Soulanges	.....	281 00	3,236 49	.....	3,517 49
4 00	33 00	120 00	157 00	St. Anne Lock	.....	120 00	33 00	4 00	157 00
.....	1 00	.....	1 00	Chats Falls	.....	.....	.....	1 00	1 00
.....	7 00	.....	7 00	St. Peters	.....	.....	7 00	.....	7 00
5 00	13 00	240 00	258 00	Murray	4 00	240 00	4 00	10 00	258 00
205,165 02	308,860 40	5,197 83	519,223 25		15,515 18	5,197 83	297,561 63	200,948 61	519,223 25

Welland Ship Canal.—Amounts Expended on Construction.

	Year ending.	Capital.
		$ cts.
Government expenditure	1914	994,257 60
" "	1915	4,074,200 69
" "	1916	4,892,105 15
" "	1917	3,513,769 82
" "	1918	1,235,046 59
" "	1919	1,823,875 96
" "	1920	3,499,963 35
Total		20,033,219 16

Expenditure as above		$20,033,219 16
To which add the preliminary expenditure for surveys, borings, etc., charged to Welland Canal capital as follows:—		
1905–06	$ 13,231 97	
1906–07	10,825 27	
1907–08	8,300 34	
1908–09	19,993 37	
1909–10	9,979 91	
1910–11	21,229 35	
1911–12	23,138 60	
1912–13	112,890 92	
1915–16	17,627 36	
		237,217 09
Total cost of Welland Ship Canal to March 31, 1920		$20,270,436 25

Hudson Bay Railway.—Amounts Expended on Construction.

		Year ending.	Capital.
			$ cts.
Government expenditure		1909	92,427 83
" "		1910	53,042 63
" "		1911	184,149 81
" "		1912	159,632 00
" "		1913	1,099,063 15
" "		1914	4,498,717 25
" "		1915	4,773,743 99
" "		1916	4,889,131 77
" "		1917	2,604,279 94
" "		1918	1,879,699 00
" "		1919	562,557 80
" "	$ 17,671 02		
Less proceeds of sale of railway materials to Can. National Railways	253,279 50	1920	235,608 48
Total to March, 31, 1920			20,560,836 96

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Quebec Bridge.—Amounts Expended on Construction.

	Year ending.	Capital.	Income.
		$ cts.	$ cts.
Government expenditure	1909		422,867 12
" "	1910		111,788 02
" "	1911	227,563 40	
" "	1912	603,293 07	
" "	1913	1,512,825 96	
" "	1914	2,604,105 61	
" "	1915	2,816,305 10	
" "	1916	2,746,813 70	
" "	1917	2,733,677 00	
" "	1918	931,278 01	
" "	1919	656,761 79	
Total		14,832,623 64	534,655 14
Less amount received from the Phœnix Bridge Co., 1910			100,000 00
Less services of Quebec Bridge Engineers for Canadian Govt. Railways	1920	880 65	
Total to March 31, 1920		14,831,742 99	434,655 14

Capital expenditure as above		$14,831,742 99
In this expenditure a total of $91,188.10 has been credited, being received for the sale of scrap and used material from the collapsed bridge.		
Add amounts paid by the Finance Department not included above:—		
Amount guaranteed by Act of 1903, Chap. 54	$ 6,424,781 00	
Amount paid to the province of Quebec	250,000 00	
Amount paid to city of Quebec	300,000 00	
Amount paid to Emile Tanguay, as per Supreme Court award	485 20	
		6,975,266 20
		21,807,009 19
Less amount received from the Phœnix Bridge Co.		100,000 00
Agrees with Public Accounts Balance Sheet, 1919		21,707,009 19
To which add the expenditure under Income, 1909 and 1910	$ 534,655 14	
Add also amount paid for subsidies in 1901, 1902 and 1903	374,353 33	
		909,008 47
Total expenditure to date of March 31, 1920		22,616,017 66

EXPENDITURE on the Canadian Government Railways to March 31, 1920.

CAPITAL ACCOUNT.

Railways.	Previous Years.	Year ending March 31, 1920.	Total.
	$ cts.	$ cts.	$ cts.
Intercolonial Railway System as follows:—			
Canada Eastern Ry	819,000 00		819,000 00
Cape Breton Ry	3,860,679 14		3,860,679 14
Drummond County Ry	1,464,000 00		1,464,000 00
Eastern Extension Ry	1,324,042 81		1,324,042 81
Montreal and European Ry	333,942 72		333,942 72
Oxford and New Glasgow Ry	1,949,063 21		1,949,063 21
Intercolonial Ry	126,903,468 75	4,337,512 44	131,240,981 19
Total	136,654,196 63	4,337,512 44	140,991,709 07
Prince Edward Island Ry	12,562,309 97	186,802 03	12,749,112 00
International Ry. of New Brunswick	90,881 80	2,767,512 89	2,858,394 69
New Brunswick and Prince Edward Island Ry	517,655 57	11,725 75	529,381 32
Elgin and Havelock Ry	47,209 98	24,230 24	71,440 22
Moncton and Buctouche Ry	37,829 81	62,201 72	100,031 53
Salisbury and Albert Ry	42,304 58	85,478 13	127,782 71
St. Martins Ry	34,566 47	90,382 76	124,949 23
York and Carleton Ry	7,250 60	13,958 34	21,208 94
Canadian Northern Ry	9,733,333 24	266,666 66	9,999,999 90
Quebec and Saguenay Ry	6,549,896 42	824,612 32	7,374,508 74
National Transcontinental Ry	165,128,741 75	1,569,903 89	166,698,645 64
Hudson Bay Railway	20,796,445 17	235,698 48	20,560,836 69
Annapolis and Digby Ry	660,683 09		660,683 09
*a*European and North American Ry	88,363 18		88,363 18
*a*Nova Scotia Ry	208,509 72		208,509 72
*c*Carleton Branch Ry	48,410 48		48,410 48
Canadian Government Railways, rolling stock purchased 1917-18-19-20	37,160,467 63	1,587,769 31	38,748,236 94
Canadian Pacific Ry	62,789,776 09		62,789,776 09
Yukon Territory Works, Stikine Teslin Ry	283,323 55		283,323 55
Governor General's cars	71,538 82		71,538 82
Miscellaneous expenditure	18,345 00		18,345 00
Total	453,532,039 55	11,593,148 00	465,125,187 55
*b*Quebec bridge	14,832,623 64	880 65	14,831,742 99
	468,364,663 19	11,592,267 35	479,956,930 54

*Figures in italics denote credits.

*a*Amount paid on this line, between 1868 and 1873, inclusive, was transferred to Consolidated Fund.

*b*See Special Statement, page 19 and also 15.

*c*This Railway, which cost $88,410.48, was sold in 1893 to the City of St. John, N.B., for $40,000. (Vict. Cap. 6).

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EXPENDITURE on the Canadian Government Railways to March 31, 1920.

INCOME ACCOUNT.

Railways.	Previous years.	1919-20.	Total.
	$ cts.	$ cts.	$ cts.
Annapolis and Digby Ry	8,381 82		8,381 82
Intercolonial Ry	280,000 00		280,000 00
Miscellaneous expenditure	4,442,826 83	374,907 73	4,817,737 56
Total	4,731,208 65	374,907 73	5,106,119 38
Quebec Bridge	434,655 14		434,655 14
Total	5,165,863 79	374,907 73	5,540,774 52

EXPENDITURE on the Canadian Government Railways to March 31, 1920.

REVENUE ACCOUNT—WORKING EXPENSES.

Railways.	Previous Years.	1919-20.	Total.
	$ cts.	$ cts.	$ cts.
*Intercolonial Railway	282,852,416 47	30,697,723 74	313,550,140 21
†New Brunswick and Prince Edward Island Ry	209,004 68	†	209,004 68
Prince Edward Island Ry	15,709,197 55	1,543,858 45	17,253,056 00
International Ry. of New Brunswick	1,508,284 17	496,742 39	2,005,026 56
Moncton and Buctouche Ry	68,432 48	116,720 28	185,152 76
Salisbury and Albert Ry	95,967 51	153,403 32	249,370 83
St. Martins Ry	45,930 81	72,483 52	118,414 33
York and Carleton Ry	22,409 05	29,755 99	52,165 04
Elgin and Havelock Ry	48,343 40	63,961 72	112,305 12
St. John & Quebec Ry	547,414 78	387,608 74	935,023 52
National Transcontinental Ry	36,239,823 68	14,632,451 71	50,872,275 39
Miscellaneous expenditure	126,289 97	8,500 00	134,789 97
Canadian Pacific Ry	318,216 30		318,216 30
Eastern Extension Ry	538,094 06		538,094 06
Total	338,329,824 91	48,203,209 86	386,533,034 77
‡Intercolonial Ry.—Improvement and Betterments	2,586,230 21		2,586,230 21
Total	340,916,055 12	48,203,209 86	389,119,264 98

*Including expenditure on the Baie des Chaleurs Railway in 1897, amounting to $18,679.97.
†Included in Intercolonial Railway Working Expenses.
‡This charge to Working Expenses was credited to Rolling Stock account for the purchase of rolling stock out of the earnings of the railway.

REVENUE RECEIVED by the Canadian Government Railways to March 31, 1920.

Railways	Previous Years	1919–20	Total
	$ cts.	$ cts.	$ cts.
Intercolonial Railway	273,130,457 86	28,356,584 86	301,487,042 72
†New Brunswick and Prince Edward Island Ry	114,170 90	†	114,170 90
Prince Edward Island Ry	10,576,203 09	921,456 52	11,497,659 61
International Ry	630,025 79	176,916 92	806,942 71
Moncton and Buctouche Ry	32,610 20	50,340 54	82,950 74
Salisbury and Albert Ry	44,472 00	59,549 16	104,021 16
St. Martins Ry	16,694 06	17,696 24	34,390 30
York and Carleton Ry	6,954 35	9,111 15	16,065 50
Elgin and Havelock Ry	13,447 08	22,388 82	35,835 90
St. John and Quebec Ry	350,865 56	140,935 04	491,800 60
National Transcontinental Ry	27,906,398 11	11,647,082 11	39,553,480 22
Canadian Pacific Ry	396,473 75	.....	396,473 75
Eastern Extension Ry	462,465 68	.....	462,465 68
Total	313,681,238 43	41,402,061 36	355,083,299 79

†Reveune included with the Intercolonial Railway.

MISCELLANEOUS EXPENDITURE common to both Railways and Canals including War appropriation, to March 31, 1920.

INCOME ACCOUNT

Expenditure previous to 1918–19	.....	2,585,735 54
Expenditure during 1918–19	.....	2,871,849 71
Expenditure during 1919–20	.....	424,683 75
Total	.....	5,882,269 00

EXPENDITURE common to both Railways and Canals to March 31, 1920.

REVENUE ACCOUNT.

	Previous Years	1919–20	Total
	$ cts.	$ cts.	$ cts.
Expenditure	69,711 05	.....	69,711 05

EXPENDITURE common to both Railways and Canals to March 31, 1920.

CAPITAL ACCOUNT.

	Previous Years	1919–20	Total
	$ cts.	$ cts.	$ cts.
Expenditure	.....	1,853,207 67	1,853,207 67

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GOVERNMENT RAILWAYS.

Recapitulation of Expenditure and Revenue to March 31, 1920.

	Year	Capital	Revenue		Revenue received
			Improvement and Betterment	Working expenses	
		$ cts.	$ cts.	$ cts.	$ cts.
Expenditure prior to Confederation		13,881,460 65			
Since Confederation—					
1868 to 1877 inclusive		33,476,607 70		10,059,936 93	7,270,634 05
" "	1878	2,643,741 72		2,032,873 05	1,514,846 38
" "	1879	2,507,053 71		2,233,496 34	1,419,955 60
" "	1880	6,109,077 14		1,851,489 26	1,739,137 25
" "	1881	5,577,236 73		2,220,421 39	2,200,486 25
" "	1882	5,175,046 61		2,310,638 54	2,237,583 39
" "	1883	11,707,619 02		2,636,551 70	2,541,205 41
" "	1884	14,013,074 89		2,613,508 87	2,551,937 97
" "	1885	11,224,244 54		2,749,710 53	2,624,243 07
" "	1886	4,443,220 17		2,819,973 50	2,629,336 35
" "	1887	1,846,887 18		3,152,650 40	2,840,747 88
" "	1888	1,765,582 11		3,621,076 62	3,166,253 22
" "	1889	2,709,857 37		3,513,063 67	3,167,542 67
" "	1890	2,392,767 99		3,846,044 42	3,203,874 11
" "	1891	1,184,317 34		3,949,263 73	3,181,888 56
" "	1892	417,425 73		3,748,597 77	3,136,393 51
" "	1893	712,917 44		3,288,629 62	3,262,505 62
" "	1894	585,749 01		3,226,208 13	3,179,019 57
" "	1895	376,814 83		3,197,846 17	3,129,450 37
" "	1896	324,774 72		3,254,442 64	3,140,678 47
" "	1897	204,624 31		3,195,959 58	3,060,074 38
" "	1898	270,990 85		3,507,248 88	3,313,847 10
" "	1899	1,112,348 47		3,696,612 31	3,940,570 11
" "	1900	3,309,130 42		4,665,228 06	4,774,161 87
" "	1901	3,922,989 37		5,739,051 54	5,213,381 24
" "	1902	5,386,611 24		5,861,099 54	5,918,990 43
" "	1903	3,083,680 86		6,474,134 20	6,584,598 77
" "	1904	2,619,059 86		7,599,958 57	6,627,255 51
" "	1905	6,125,481 79		8,906,154 35	7,050,892 11
" "	1906	6,102,565 74		7,893,653 49	7,950,552 97
" "	1907	7,174,370 17		6,328,745 65	6,509,186 49
" "	1908	23,684,005 25		9,595,295 43	9,534,569 04
" "	1909	29,414,227 34		9,764,586 51	8,894,420 42
" "	1910	21,505,975 91		9,095,903 96	9,647,963 71
" "	1911	24,532,466 18		10,037,878 77	10,249,394 38
" "	1912	23,108,805 52		11,074,852 80	11,034,165 83
" "	1913	17,375,968 10		12,499,925 65	12,442,203 46
" "	1914	21,628,095 15		13,559,225 45	13,394,317 37
" "	1915	21,865,663 92		12,474,453 85	12,149,357 32
" "	1916	21,155,255 19	1,515,895 57	17,891,484 65	18,427,908 65
" "	1917	12,003,649 70	1,070,334 64	24,725,571 90	23,539,758 61
" "	1918	34,699,416 96		33,400,460 45	27,240,956 87
" "	1919	40,193,180 64		43,889,626 07	38,013,725 69
" "	1920	11,593,148 00		48,194,709 86	41,402,061 36
Total		*465,147,187 55	2,586,230 21	386,398,244 80	355,052,042 39

Total amount of capital expenditure	465,147,187 55
Less amount received from the city of St. John, N.B., as purchase price of the Carleton Branch Railway	40,000 00
*Net amount of capital expenditure	465,107,187 55

* Cost of Quebec Bridge, not included nor $18,000 miscellaneous expenditure in 1914.

TOTAL EXPENDITURE AND REVENUE of the Department of Railways and Canals prior to and since Confederation to March 31, 1920.

	$ cts.	$ cts.
GRAND TOTAL EXPENDITURE		1,137,241,578 52
Expenditure on Railways	859,350,568 91	
" Quebec Bridge	15,266,398 13	
" Railway subsidies	76,391,471 09	
" Canals	178,427,952 67	
" Miscellaneous	7,805,187 72	
Total Expenditure		1,137,241,578 52
CLASSIFICATION OF EXPENDITURE IN GENERAL—		
Capital account	613,302,910 82	
Revenue account	425,641,455 50	
Income account	21,905,741 11	
Consolidated fund—Railway subsidies, pages 24 to 31	76,391,471 09	
Total expenditure		1,137,241,578 52
CLASSIFICATION OF EXPENDITURE IN DETAIL—		
Railways—		
Capital—*See* page 19	465,125,187 55	
Income—*See* page 20	5,106,116 38	
Revenue—*See* page 20	389,119,264 98	
		859,350,568 91
Quebec Bridge—		
Capital—*See* page 19	14,831,742 99	
Income—*See* page 20	434,655 14	
		15,266,398 13
Railway subsidies—*See* pages 24 to 31	76,391,471 09	
		76,391,471 09
Total expenditure on railways	951,008,438 13	
Canals—		
Capital—*See* pages 11 and 13	131,492,772 61	
Income—*See* pages 11 and 13	10,482,700 59	
Revenue—*See* pages 12 and 13		
" Staff	20,660,793 64	
" Repairs	15,791,685 83	
	36,452,479 47	
		178,427,952 67
Miscellaneous expenditure—		
Income—*See* page 21	5,882,269 00	
Revenue—*See* page 21	69,711 05	
Capital—*See* page 21	1,853,207 67	
		7,805,187 72
Grand total expenditure		1,137,241,578 52
REVENUE RECEIVED.		
GRAND TOTAL OF REVENUE RECEIVED from July 1, 1867 to Mar. 31, 1920		
Railways—*See* page 21	355,052,042 39	
Canals—*See* page 14	17,909,987 46	
Grand total		372,962,029 85

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RAILWAY AND BRIDGE SUBSIDY STATEMENTS.

Railway Subsidies paid during Year ending March 31, 1920.

Date	Name of Railway	Amount	
1919		$ cts.	$ cts.
May 16.....	*St. John and Quebec Railway Company*— Canada, 1916, Cap. 23, Part II, Sec. 6, amended by Canada, 1917, Cap. 22 and Canada 1919, Cap. 7. Further subsidy payment on line from a point near Gagetown to a point on the Canadian Pacific Railway at or near Westfield.....	44,061 91	
Dec. 16.....	*St. John and Quebec Railway Company*— Canada 1916, Cap. 23, Part II, Sec. 6, amended by Canada 1917, Cap. 22 and Canada 1919, Cap. 7. Payment of balance of subsidy on line from a point near Gagetown to a point on the Can adian Pacific Railway at or near Westfield.....	77,604 00	
			121,665 91
Aug. 6.....	*Edmonton, Dunvegan and British Columbia Railway*— Appropriation Acts, 1916, Cap. 1, vote 110 and Cap. 29, vote 110. Payment on account of subsidy to above railway.....	78,851 37	
Sept. 2.....	Further payment on same.....	33,415 07	
Dec. 3.....	Further payment on same.....	23,424 55	
Dec. 17.....	Further payment on same.....	32,092 90	
1920			
April 26.....	Further payment on same.....	45,395 75	
			213,179 64
	Total.....	.....	334,845 55

II.—Statement showing Subsidies paid to March 31, 1920.

Subsidies Voted. Authority.	Subsidies Voted. Amount.	Number.	Railways.	July 1, 1883, to March 31, 1917.	1917–18.	1918–19.	1919–20.	Total to March 31, 1920.
	$ cts.			$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
47 Vic., chap. 8 52 " 3	51,200 00	1	Albert Southern Railway, N.B.	50,460 00				50,460 00
3-4 Geo.V, chap. 46	—	2	Alberta Central Railway, Alta.	404,480 00				404,480 00
62-3 Vic., chap. 7 63-4 " 8 1 Ed. VII, chap. 7	—	3	Algoma Central and Hudson Bay Ry., Ont.	2,048,704 00				2,048,704 00
9-10 " 51	—	4	Algoma Eastern Ry. Co., formerly Manitoulin and North Shore Ry. Co., Ontario	547,648 00				547,648 00
1 " 7	—	5	Atlantic and Lake Superior Ry., Quebec	a163,418 19				a163,418 19
37 Vic., chap. 14	186,500 annually for 20 years...	6	Atlantic and Northwestern Railway	3,732,000 00				3,732,000 00
6 Ed. VII, chap. 43 9-10 " 51	—	7	Atlantic, Quebec and Western Ry. Co., Quebec	902,800 00				902,800 00
46 Vic., chap. 25 47 " 8 52 " 3	320,000 00 300,000 00	8	Baie des Chaleurs Railway, Quebec	620,000 00				620,000 00
—	—	9	Bay of Quinte Railway, Ontario, now (1918) Canadian Northern Ry.	141,722 45				141,722 45
50-1 Vic., chap. 27 56 " 4	62,400 00	10	Beauharnois Junction Railway, Quebec	62,400 00				62,400 00
48-9 " 54 49 " 19	22,400 00	11	Belleville and North Hastings Railway, Ontario	21,888 00				21,888 00
50-1 " 24 51-8 " 4	57,600 00	12	Brantford, Waterloo and Lake Erie Ry., Ontario	57,600 00				57,600 00
48-9 " 59 53 " 2 54-5 " 8 57-8 " 4	128,000 00 64,000 00	13	Brockville, Westport and Sault Ste. Marie Railway, Ontario, now (1918) Canadian Northern Ry.	140,800 00				140,800 00
"	—	15	Bruce Mines and Algoma Railway, Ontario	53,920 00				53,920 00
49 Vic., chap. 10 50-1 " 24 48-9 " 59 49 " 10 50-1 " 24 47 " 8 48-9 " 59 49 " 10	96,000 00 6,400 00 96,000 00 38,400 00 180,000 00 128,000 00 19,200 00 32,000 00	14	Buctouche and Moncton Railway, New Brunswick	101,600 00				101,600 00
		16	Canada Atlantic Railway, Ontario	282,355 20				282,355 20

App. Act. 2, 1918	175,000 00	16½	Canada Central Ry., Alberta			175,000 00		175,000 00
48-9 " 59	24,439 84	17	Canada Eastern Ry., formerly Northern and Western Ry., New Brunswick, including also Chatham Branch Ry	374,839 84				374,839 84
51 " 3	140,800 00							
57-8 " 4	35,200 00							
62-3 " 7	—	18	Canada and Gulf Terminal Ry. Co	210,053 59				210,053 59
47 Vic., chap. 8	32,000 00							
49 " 10	57,600 00							
52 " 3	22,400 00							
53 " 2	48,000 00	19	Canadian Northern Quebec Ry. Co., formerly Great Northern Ry., Quebec	1,265,357 14				1,265,357 14
56 " 2	47,000 00							
57-8 " 4	70,400 00							
7-8 Ed. VII, c. 63	—							
2 Geo. V, chap. 7	—	20	Canadian Northern Alberta Ry. Co., Alberta	3,094,104 00		25,896 00		3,120,000 00
3-4 " 10								
6-7 Ed. VII, c. 40	—	21	Canadian Northern Ontario Ry. Co	14,386,762 51	80,963 37	17,909 32		14,485,635 20
7-8 " 63								
"	—	22	Canadian Northern Ry. Co., Ontario, Manitoba and North West Territories	1,909,132 00				1,909,132 00
2 Geo. V, chap. 9	—	23	Canadian Northern Pacific Ry. Co., British Columbia	5,648,626 37	338,893 63			5,987,520 00
—	—	24	Canadian Northern Quebec Ry., formerly Chateauguay and Northern Ry., Quebec	391,819 75				391,819 75
60-61 Vic., chap. 5	3,630,000 00	25	Canadian Pacific Ry. Co., British Columbia (Crow's Nest Pass)	3,404,720 00				3,404,720 00
—	—	26	Canadian Pacific Ry. Co. (Dyment Branch)	22,336 00				22,336 00
2 Geo. V, chap. 48	—	27	Canadian Pacific Ry., Bridge at Edmonton, Alberta	126,000 00				126,000 00
3-4 " 46	—	28	Canadian Pacific Ry., Gimli to Icelandic River Bridge	80,032 00				80,032 00
—	—	29	Can. Pac. Ry. Co. (Kootenay and Arrowhead Branch)	153,866 00				153,866 00
7-8 Ed. VII, c. 63	—	30	Can. Pac. Ry. Co., Moosejaw northwesterly	485,474 27				485,474 27
2 Geo. V, chap. 48	—	31	Can. Pac. Ry. Co., Bridge at Outlook	115,000 00				115,000 00
—	—	32	Can. Pac. Ry. Co. (Pheasant Hills Branch)	435,200 00				435,200 00
—	—	33	Can. Pac. Ry. Co. (Pipestone Branch)	160,000 00				160,000 00
55-6 Vic., chap. 5	80,000 00	34	Can. Pac. Ry. Co. (Revelstoke to Arrow Lake)	80,000 00				80,000 00
"	—	35	Can. Pac. Ry. Co. (Selkirk Branch)	83,200 00				83,200 00
4 Ed. VII, chap. 34	—	36	Can. Pac. Ry. Co. (Staynerville Branch)	13,024 00				13,024 00
6 " 43	—	37	Can. Pac. Ry. Co. (Teulon to Icelandic River)	112,000 00				112,000 00
—	—	38	Can. Pac. Ry. Co. (Waskada Branch)	64,000 00				64,000 00
7-8 Ed. VII, c. 63	—	39	Can. Pac. Ry., Winnipeg to Gimli, Man	34,522 43				34,522 43
48-9 Vic., chap. 58	1,500,000 00	40	Canadian Pacific Extension	1,500,000 00				1,500,000 00
57-8 " 4	9,000 00	41	Cap de la Magdeleine Railway, Quebec	7,424 00				7,424 00
—	—	42	Cape Breton Extension Railway, Nova Scotia	196,800 00				196,800 00
46 Vic., chap. 25	115,200 00							
47 " 8	76,800 00	43	Caraquet Railway, New Brunswick	224,000 00				224,000 00
50-1 " 24	32,000 00							
47 " 8								
51 " 3								
52 " 3	83,612 00							
53 " 2	142,400 00	44	Central Railway, New Brunswick	226,012 54				226,012 54
57-8 " 4	48,000 00							
61 " 1								
62-3 " 1								
2 Ed. VII, chap. 48	—							

STATEMENT Showing Subsidies paid to March 31, 1920.—*Continued.*

Subsidies Voted.		Number.	Railways.	July 1, 1883, to March 31, 1917.	1917–18.	1918–19.	1919–20.	Total to March 31, 1920.
Authority.	Amount.			$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
46 Vic., chap. 2	1,525,250 00	45	Central Railway of Canada, Quebec	30,145 02				30,145 02
7 " 8		46	Central Canada Railway	1,525,250 00				1,525,250 00
6-7 Ed. VII, c. 40	—	47	Central Ontario Railway Co., Ontario, now (1918) Canadian Northern Ry	205,862 79				205,862 79
—		48	Coast Line of Nova Scotia, (Halifax and Yarmouth Ry.), now (1918) Canadian Northern Ry	160,00 00				160,000 00
6 Ed. VII, chap. 43	—	49	Colchester Coal and Railway Co., Nova Scotia	12,800 00				12,800 00
53 Vic., chap. 2	112,000 00	50	Columbia and Kootenay, Ry. Co., British Columbia	88,800 00				88,800 00
50-1 " 24	44,800 00	51	Cornwallis Valley Railway Co., Nova Scotia	44,800 00				44,800 00
52 " 3								
50-1 " 24	44,800 00	52	Cumberland Railway and Coal Co., Nova Scotia	39,850 00				39,850 00
5-6 " 5	89,600 00	53	Dominion Coal Company, Nova Scotia	87,808 00				87,808 00
50-1 " 24	22,400 00	54	Dominion Lime Company, Quebec	15,360 00				15,360 00
50-1 " 24	96,000 00							
52 " 3	14,400 00	55	Drummond County Railway, Quebec	423,936 00				423,936 00
53 " 2	76,800 00							
57-8 " 4	96,000 00							
"	—	56	East Richelieu Valley Railway Co., Quebec (Quebec, Montreal and Southern Ry.)	69,952 00				69,952 00
3-4 Geo. V, chap. 46	—	57	Edmonton, Dunvegan and British Columbia Railway, Alberta	125,202 84			213,179 64	338,382 48
6-7 Ed. VII, c. 40	—	58	Edmonton, Yukon and Pacific Railway Co., Alberta, now (1918) Canadian Northern Ry	91,200 00				91,200 00
46 Vic., chap. 25	38,400 00	59	Elgin, Petitcodiac and Havelock Railway, N.B	82,652 82				82,652 82
51 " 3	44,252 82							
47 " 8	96,000 00	60	Erie and Huron Railway, Ontario	96,000 00				96,000 00
47 " 6	750,000 00	61	Esquimalt and Nanaimo Railway, British Columbia	1,520,560 00				1,520,560 00
2 Geo. V, chap. 48	—	62	Fredricton and Grand Lake Railway Co., New Brunswick	216,576 00				216,576 00
52 Vic., chap. 3	30,000 00	63	Fredricton and St. Mary's Ry. Bridge Co., New Brunswick	30,000 00				30,000 00
60-61 " 4	500,000 00	64	Grand Trunk Ry. Co., Victoria Jubilee Bridge, Quebec	500,000 00				500,000 00
63 " 3								
56 " 2	48,000 00	65	Grand Trunk, Georgian Bay and Lake Erie Ry., Ontario	39,744 00				39,744 00
7-8 Ed. VII, c. 63	—	66	Grand Trunk Pacific Ry. Co	1,220,480 00				1,220,480 00
49 Vic., chap. 10	32,000 00							
50-1 " 24	96,000 00	67	Great Eastern Railway, Quebec	40,345 00				40,345 00
56 " 2	64,000 00							
53 " 2	37,500 00							

50-1 " 24	51,200 00	68	Guelph Junction Railway, Ontario	46,000 00					46,000 00
57-8 " 4	—	69	Gulf Shore Railway Company, New Brunswick	53,699 20					53,699 20
9-10 Ed. VII, c. 51	—	69	½Ha-Ha-Bay Railway Co., Quebec	231,462 00					231,462 00
—	—	70	Halifax and Southwestern Railway Co., Nova Scotia, now (1918) Canadian Northern Ry	1,238,450 93					1,238,450 93
50-1 Vic., chap. 24	9,600 00	71	Harvey Branch Railway Co., New Brunswick	5,553 57					5,553 57
49 " 10	108,800 00	72	Hereford Railway, Quebec	155,200 00					155,20000
52 " 3	48,000 00								
46 " 25	156,800 00	73	International Railway, Quebec	156,800 00					156,800 00
53 " 3									
7-8 Ed. VII, c. 63	—	74	International Ry. of New Brunswick, formerly Restigouche and Western Ry. Co	726,080 00					726,080 00
—	—	75	Inverness Railway and Coal Co	368,545 97					368,545 97
47 Vic., chap. 8	160,000 00	76	Irondale, Bancroft and Ottawa Railway, Ontario, now (1918) Canadian Northern Ry	144,000 00					144,000 00
52 " 3									
49 " 10	38,400 00	77	Joggins Railway, Nova Scotia	37,500 00					37,500 00
50-1 " 24	4,000 00								
6 Ed. VII, chap. 43	—	78	Kettle Valley Ry., British Columbia	2,174,190 72					2,174,190 72
46 Vic., chap. 24	89,600 00								
49 " 10	70,000 00								
50-1 " 24	12,800 00	79	Kingston, Napanee and Western Ry., formerly Napanee Tamworth and Quebec Ry., Ontario, now (1918) Canadian Northern Ry	208,732 80					208,732 80
52 " 3	32,000 00								
55-6 " 5	64,000 00								
47 Vic., chap. 8	48,000 00	80	Kingston and Pembroke Ry., Ontario	48,000 00					48,000 00
6-Ed. VII, chap. 43	—	81	Klondike Mines Railway	197,184 00					197,184 00
2 " 48	—	82	Kootenay Central Ry. Co., British Columbia	1,065,856 00					1,065,856 00
50-1 Vic., chap. 23	118,400 00								
55-6 " 4	224,000 00	83	Lake Erie and Detroit River Railway, Ontario	475,851 00					475,851 00
62-3 " 5	—								
2 Geo. V, chap. 48	—	84	Lake Erie and Northern Ry. Co., Ontario	320,192 00					320,192 00
50-1 Vic., chap. 24	65,022 00	85	Lake Temiscamingue Colonization Ry., Quebec	310,335 95					310,335 95
57-8 " 4	274,940 00								
49 " 10	11,200 00	86	L'Assomption Railway, Quebec	11,200 00					11,200 00
50-1 " 24	217,600 00	87	Laurentian Railway, now (1918) Canadian Northern Ry.	217,600 00					217,600 00
48-9 " 50	44,800 00	88	Leamington and St. Clair Ry., Ontario	51,200 00					51,200 00
50-1 " 24	6,400 00								
6-7 Ed. VII, c. 40	—	89	Liverpool and Milton Ry. now (1918) Canadian Northern Ry	32,000 00					32,000 00
45 Vic., chap. 14	—	90	Lindsay, Bobcaygeon, Pontypool Ry. Co., Ontario	185,173 06					185,173 06
—									
55-6 Vic., chap. 5	48,000 00	91	Lotbinière and Megantic Railway, Quebec	96,000 00					96,000 00
57-8 " 4	48,000 00								
—	—	92	Maganetawan River Railway Co., Ontario	3,552 00					3,552 00
7-8 Ed. VII, c. 63	—	93	Maritime Coal and Railway Co	3,200 00					3,200 00
—	—	94	Massawippi Valley Railway Co., Quebec	5,376 00					5,376 00
—	—	95	Midland Railway Co., Nova Scotia	399,060 40					399,060 00
—	—	96	Middleton and Victoria Beach Railway Co., Nova Scotia, now (1918) Canadian Northern Ry	125,760 00					125,760 00
3 Ed. VII, chap. 57	—	97	Minudie Coal Co., Nova Scotia	18,544 00					18,544 00

STATEMENT Showing Subsidies paid to March 31, 1920.—*Continued.*

Subsidies Voted. Authority.	Subsidies Voted. Amount.	Number.	Railways.	July 1, 1883, to March 31, 1917.	1917–18.	1918–19.	1919–20.	Total to March 31, 1920.
	$ cts.			$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
56 Vic., chap. 2	67,200 00							
57–8 " 4	38,400 00	98	Montfort Colonization Railway, Quebec, now (1918)					
60–1 " 4	66,000 00		Canadian Northern Ry	167,440 00				167,440 00
48–9 " 59	30,000 00							
50–1 " 24	64,000 00	99	Montreal and Champlain Junction Railway, Quebec	103,600 00				103,600 00
51 " 3	9,600 00							
49 " 10	32,000 00	100	Montreal and Lake Maskinonge Railway, Quebec	41,280 00				41,280 00
53 " 2	10,200 00							
50–1 " 24								
53 " 2	192,000 00	101	Montreal and Ottawa Railway, Ontario	192,000 00				192,000 00
54–5 " 8								
57–8 " 4								
1 Ed. VII, chap. 7	—	102	Montreal and Province Line Railway, Quebec	58,560 00				58,560 00
48–9 " 59	72,000 00	103	Montreal and Sorel Railway, Quebec (Quebec, Montreal					
53 " 2	40,000 00		and Southern Ry.)	93,757 57				93,757 57
53 Vic., chap. 2	361,270 00	104	Montreal and Western Railway, Quebec	361,270 00				361,270 00
57–8 " 4	121,600 00	105	Nakusp and Slocan Railway, British Columbia	117,760 00				117,760 00
6 Ed. VII, chap. 43	—	106	Napierville Junction Railway Co., Quebec	175,440 00				173,440 00
—	—	107	New Brunswick Coal and Railway Co., New Brunswick	48,000 00				48,000 00
48–9 Vic., chap. 59	118,400 00	108	New Brunswick and Prince Edward Island Railway	113,440 00				113,440 00
55–6 " 5	40,000 00	109	New Glasgow Iron, Coal and Railway Co., Nova Scotia	39,840 00				39,840 00
Ed. VII, chap. 57	—	110	Nicola, Kamloops and Similkameen Coal Railway Co.	300,800 00				300,800 00
7–8 " 63	—	111	North Shore Railway Co., formerly Beersville Coal and Railway Co	27,616 00				27,616 00
—	—	112	Northern Colonization Railway Co., Quebec	355,200 00				355,200 00
2 Geo. V, chap. 47	—	113	Northern New Brunswick and Seaboard Railway Co.,					
3–4 " 46			New Brunswick	108,160 00				108,160 00
46 " 26	660,000 00	114	Northern and Pacific Junction Railway, Ontario	1,320,000 00				1,320,000 00
53 " 2	660,000 00							
55–6 " 5	240,000 00	115	Nova Scotia Central Railway Co., Nova Scotia, now					
61 "			(1918) Canadian Northern Ry	235,200 00				235,200 00
56 " 2	32,000 00	116	Ontario, Belmont and Northern Ry. Co., Ontario (Marmora Ry. & Mining Co.) now (1918) Canadian Northern Ry	30,720 00				30,720 00
53 Geo. V, chap. 2	99,200 00	117	Orford Mountain Railway Company, Quebec	202,926 50				202,926 50
3 Ed. VII, chap. 2	—							
56 " 2	22,400 00	118	Oshawa Railway and Navigation Co., Ontario	22,400 00				22,400 00
55–6 " 5	—	119	Ottawa, Arnprior and Parry Sound Ry., Ontario	779,712 00				779,712 00
—	—	120	Ottawa and New York Railway Company, Ontario	262,384 00				262,384 00

52 Vic., chap. 3 57-8 " 6 60-1 " 4	320,000 00 64,000 00 —	121	Ottawa, Northern and Western Railway, Quebec, formerly Ottawa and Gatineau Valley Railway	414,931 20				414,931 20
52 " 3 57-8 " 4	128,000 00 64,000 00	122	Parry Sound and Colonization Railway, Ontario	152,800 00				152,800 00
—	—	123	Pembroke Southern Railway, Ontario	64,000 00				64,000 00
55-6 Vic., chap. 5	—	124	Phillipsburg Junction Ry. Quarry Co., Quebec	23,712 00				23,712 00
47 " 8 51 " 3 53 " 2	272,000 00 41,000 00 24,000 00	125	Pontiac Pacific Junction Railway, Quebec	193,578 00				193,578 00
60-1 " 4 63-4 " 2	212,500 00	126	Pontiac Pacific and Ottawa & Gatineau Ry. Co. (Interprovincial Bridge over Ottawa River)	212,500 00				212,500 00
52 " 3	19,200 00	127	Pontiac and Renfrew Railway, Ontario	13,600 00				13,600 00
51 " 3 53 " 2	287,200 00	128	Port Arthur, Duluth and Western Ry., Ontario, now (1918) Canadian Northern Ry	271,200 00				271,200 00
62-3 " 7 63-4 " 8	1,000,000 00	129	Quebec Bridge Co., Quebec	374,353 33				374,353 33
47 " 8 51 " 3 53 " 2	60,342 00 288,000 00	130	Quebec Central Ry., Quebec	585,038 90				585,038 90
7-8 Ed. VII, c. 63	—							
45 Vic., chap. 14 46 " 25 48-49 " 59 49 " 10 50-1 " 24 51 " 3 52 " 3 53 " 2 54-5 " 8 57-8 " 4	384,000 00 80,000 00 96,000 00 186,295 00 28,800 00 96,000 00 64,000 00 40,000 00 5,250 00 44,800 00	131	Quebec and Lake St. John Railway, Quebec, now (1918) Canadian Northern Ry	1,261,463 50				1,261,463 50
52 Vic., chap. 3 56 " 3	96,000 00	132	Quebec, Montmorency and Charlevoix Railway Co., Quebec	96,000 00				96,000 00
—	—	132½	Quebec, Montreal and Southern Railway Co.—*See* South Shore Ry., Quebec.					
7-8 Ed. VII, c. 51	—	133	Quebec and Saguenay Railway Co., Quebec	248,801 28				248,801 28
—	—	134	Schomberg and Aurora Railway Co., Ontario	46,144 00				46,144 00
52 Vic., chap. 3	163,200 00	135	Shuswap and Okanagan Railway, British Columbia	163,200 00				163,200 00
2 Geo. V, chap. 48	—	136	Southampton Railway Co., New Brunswick	81,280 00				81,280 00
50-1 Vic., chap. 24	54,400 00	137	South Norfolk Railway, Ontario	54,400 00				54,400 00
7-8 Ed. VII, c. 63	—	138	South Shore Railway (Quebec, Montreal and Southern), Quebec	514,811 06		14,630 94		529,442 00
50-1 Vic., chap. 24 55-6 " 5 57-8 " 4	138,400 00 108,000 00 108,800 00	139	St. Catharines and Niagara Central Railway, Ontario	38,400 00				38,400 00
52 " 3	375,000 00	140	St. Clair Frontier Tunnel Co., Ontario	375,000 00				375,000 00
2 Geo. V, chap. 48	—	141	St. John and Quebec Railway Co., New Brunswick	598,319 70	285,916 81	121,665 91		1,005,902 42
53 Vic., chap. 2 55-6 " 5 60-61 " 4	57,600 00 25,024 00	142	St. Lawrence and Adirondack Railway, Quebec	149,481 60				149,481 60
47 " 8	22,400 00	143	St. Louis and Richibucto Railway, New Brunswick	22,400 00				22,400 00

STATEMENT Showing Subsidies paid to March 31, 1920.—*Concluded.*

Subsidies Voted		No.	Railways	July 1, 1883 to March 31, 1917	1917-18	1918-19	1919-20	Total to March 31, 1920.
Authority	Amount			$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
—	—	144	St. Mary River Railway Co., Northwest Territories	148,094 00				148,094 00
7-8 Ed. VII, c. 63	—	145	St. Mary's and Western Ontario Railway Co., Ontario	67,709 00				67,709 00
7-8 " 63	—	146	St. Maurice Valley Railway Co., Three Rivers to Grand Mère, Quebec	173,120 00				173,120 00
56 Vic., chap. 2	—	146½	St. Stephen and Milltown Railway, New Brunswick	14,848 00				14,848 00
3-4 Geo. V, chap. 53	—	147	Temiskaming and Northern Ontario Railway Co., Ontario	2,134,080 00				2,134,080 00
45 Vic., chap. 14	240,000 00	148	Temiscouata Railway, New Brunswick and Quebec	645,950 00				645,950 00
48-9 " 58	258,000 00							
51 " 3	100,000 00							
53 " 2	51,200 00							
7-8 Ed. VII, c. 63	—	149	Thessalon and Northern Railway Co., Ontario	6,112 00				6,112 00
52 Vic., chap. 3	54,400 00	150	Thousand Islands Railway, Ontario	29,840 00				29,840 00
63-4 " 8								
55 6 " 5	—	151	Tilsonburg, Lake Erie and Pacific Railway, Ontario	150,071 48				150,071 48
57 8 " 4	—							
60 61 " 4	—							
62 63 " 7	—							
54-5 " 8	89,600 00	152	Tobique Valley Railway, New Brunswick	134,016 00				134,016 00
53 " 2	35,200 00							
55-6 " 5	9,600 00							
59 " 10	16,000 00	153	Toronto, Grey and Bruce Railway, Ontario	14,656 00				14,656 00
56 " 2	102,400 00	154	United Counties Railway Co., Quebec (Quebec, Montreal and Southern)	188,816 00				188,816 00
57-8 " 4	102,400 00							
7-8 Ed. VII, c. 34	—	155	Vancouver and Lulu Island Railway Co., British Columbia	61,760 00				61,760 00
53 Vic., chap. 2	35,200 00	156	Waterloo Junction Railway, Ontario	32,800 00				32,800 00
49 " 10	256,000 00	157	West Ontario Pacific Railway and Ontario and Quebec Railway	256,000 00				256,000 00
53 " 2								
62-3 " 7	—	158	York and Carleton Railway, New Brunswick	32,896 00				32,896 00
			Total	†75,117,415 47	720,404 75	218,805	32334,845 55	†76,391,471 09

†This amount does not include the subsidy of $25,000,000 to the Canadian Pacific Railway, nor the amount of $660,683.08 expended on the Annapolis and Digby Railway, both of which are included in Capital Account, nor the annual payment of $219,700 to the Provincial Government of Quebec, being interest at the rate of 5 per cent on the sum of $2,394,000 up to 1905, granted by Viv. 47, cap. 8 (1884) and the annual payment of $107,730, being interest at the rate of 4½ per cent since and including 1905 on the said sum of $2,394,000 for the line between Ottawa and Quebec which sum was transferred to the Public Debt as a liability and is dealt with by the Finance Department. *See* Public Accounts, 1998-1920 and page 79, 1898.

GRAND TRUNK PACIFIC RECEIVERSHIP

On March 4, 1919, Mr. Frank Scott, Vice-President and Treasurer of the Grand Trunk Pacific Railway Company, wrote the Minister of Railways stating that it would not be possible for the Grand Trunk Pacific Railway System to continue its operations after March 10, 1919. An Order in Council, dated March 7, 1919, was therefore passed appointing the Minister of Railways and Canals as receiver for the property, including the railway, telegraphs, steamships, hotels, elevators and all undertakings comprising the Grand Trunk Pacific System.

Clause 9 of the Order in Council limits the responsibility of the Government of Canada and of the receiver as follows:—

> "9. Nothing in this order contained, and nothing done or to be done under the authority hereof, shall render the Government of Canada or the Government receiver, or any one acting under the authority of the Government receiver, or of the Exchequer Court, liable to the Grand Trunk Railway Company of Canada, or to any company included in the Grand Trunk Pacific Railway System, or to any creditor, or holder of any bonds, debentures, debenture stock or other securities of the said companies or any of them, for any claim by reason of the making of this order, or of anything done or to be done under the authority hereof, or under the authority of the Government receiver or of the Exchequer Court, nor shall afford any defence to, nor shall prejudice any claim, action, or proceeding of the Government of Canada which the Government might lawfully make or take had this order not been made."

The receiver as such and under above-mentioned authority took possession of the Grand Trunk Pacific Railway System on Monday, March 10, 1919, at one o'clock.

The action of the Government was later confirmed by an Act of Parliament, assented to June 6, 1919.

At the date of March 9, 1919, the Grand Trunk Pacific Railway System was reported to have been operating a mileage of 1,988·51 miles, of which 1,872·21 are owned, 3·80 miles leased and 112·50 miles operated under trackage rights.

The Grand Trunk Pacific, in common with the National roads, suffered a decrease in freight tonnage and an abnormal increase in labour and material costs, the result of which was an operating loss of $5,555,518 for the year ending December 31, 1919, as well as fixed charges not met, amounting to $8,524,424, or a net loss for the year of $14,079,942, an increase of $3,531,500 over the deficit of the preceding year.

The following figures speak eloquently of operating conditions which helped to bring about this result:—

	1917	1918	1919
Freight tonnage	3,321,921	3,144,222	3,007,083
Pay-rolls	5,244,640	7,959,417	9,510,999
Supplies, maintenance and equipment	2,330,793	4,794,488	5,251,895
Transcontinental shops—			
Labour	487,877	797,938	869,944
Material	37,276	45,487	60,631

GRAND TRUNK PACIFIC RAILWAY SYSTEM

COMPARATIVE STATEMENT of operating revenues and expenses, and explanation of increases and decreases, years 1918 and 1919.

REVENUES

1919	$11,294,617 87
1918	9,939,309 11
Increase	$1,355,308 76

OPERATING EXPENSES

1919	$17,587,567 37
1918	13,608,726 44
Increase in operating expenses, year 1919 over 1918	$ 3,978,840 93
Net increase in operating deficit, year 1919 over 1918	$ 2,623,532 17

EXPLANATION OF INCREASE IN OPERATING EXPENSES

Increase in pay-rolls—			
Maintenance of way and structures	$ 699,767 25		
Maintenance of equipment	213,828 22		
Traffic	44,110 65		
Transportation	624,048 14		
General	64,380 65		
		$ 1,646,134 91	
Increase in materials due to increased cost and quantity used—			
Maintenance of way and structures	$ 632,963 57		
Maintenance of equipment	1,243,379 24		
Traffic	33,465 27		
Transportation	316,291 25		
General	106,606 69		
		2,332,706 02	
			$ 3,978,840 93
Includes payments to Canadian Car and Foundry Company on contract for repairs to freight cars		$ 793,498 80	
Delayed Canadian Government Railway bills for repairs at Transcona shops, applicable to year 1918		193,653 47	
			987,152 27

(Signed) J. M. ROSEVEAR,
General Auditor.

INCOME ACCOUNT

Increase in net operating deficit, year 1919 over 1918, as per Statement No. 1		$ 2,623,532 17
Taxes—		
1919	$ 95,052 02	
1918	78,955 34	
Increase		16,096 68
Hire of equipment (credit)—		
1919	$ 1,311,421 51	
1918	1,465,395 39	
Decrease		153,973 88
Rentals—		
1919	$ 115,516 56	
1918	115,865 19	
Decrease		348 63
Other income—		
1919	$ 143,972 67	
*1918	38,326 45	
Increase		182,299 12
Fixed charges—		
*1919	$ 8,524,424 00	
1918	8,140,950 00	
Increase		383,474 00

Increase in deficit, G.T.P. Ry. System, 1919 over 1918			$ 3,359,027 22
Increase in deficit G.T.P. C. SS. Co., 1919 over 1918		$219,449 00	
Increase in deficit G.T. Tel. Co.		46,976 00	
			172,473 00
			$ 3,531,500 22

†*Explanation of Increase in Other Income—*

Interest on Receiver's Certificates	$211,741 40	
Interest on deferred payments, overdue accounts, etc.	14,083 68	
Profit on exchange on remittances to London	43,525 96	
		$ 182,299 12

•*Explanation of Increase in Fixed Charges—*

Increased interest on Government loan	$5,058,053 00	$ 23,627 00	
Increased interest on Government loan	7,471,399 00	359,847 00	
			$ 383,474 00

(Sgd.) J. M. ROSEVEAR,
General Auditor.

GRAND TRUNK PACIFIC RAILWAY SYSTEM

OPERATING deficit and fixed charges, year to December 31, 1919, and corresponding period, 1918.

1919	G.T.P. Ry. System	G.T.P.C. SS. Co.	G.T.P. Tel Co.	Total
January	621,215	40,910	6,214	668,339
February	131,826	40,918	3,698	176,442
March	472,156	38,551	8,363	519,070
April	458,287	25,198	2,961	486,446
May	586,434	18,040	805	603,669
June	502,204	6,953	1,611	493,640
July	622,953	15,039	1,500	609,416
August	318,963	10,000	1,545	307,418
September	380,427	6,039	570	387,036
October	397,522	20,000	1,440	418,962
November	339,153	19,000	1,000	359,153
December	504,927	20,000	1,000	525,927
	$5,336,069	$196,664	$22,785	$5,555,518

Year 1919	Railway System	SS. Co. and Tel. Co.	Total
Operating loss	$ 5,336,069	$219,449	$ 5,555,518
Fixed charges	8,524,424	.....	8,524,424
Net loss, year to December 31, 1919	$13,860,493	$219,449	$14,079,942
Year 1918			
Operating loss	$ 2,360,516	$46,976	$ 2,407,492
Fixed charges	8,140,950	.....	8,140,950
Net loss, year to December 31, 1918	$10,501,466	$46,976	$10,548,442
Increased deficit year 1919 over 1918	$3,359,027	$172,473	$3,531,500

GRAND TRUNK PACIFIC RAILWAY SYSTEM

Fixed Charges, Year to December 31, 1919

Lake Superior bonds	$ 301,320
Series "A" bonds	408,240
Series "B" bonds	398,520
Debenture stock	1,395,170
Five per cent secured notes	486,000
Three per cent 1st mortgage bonds	2,041,200
Four per cent sterling bonds	337,634
Dominion Government loan, $ 6,000,000	300,000
" " " 10,000,000	400,000
" " " 15,000,000	600,000
" " " 7,081,783	424,907
" " " 5,038,053	302,283
" " " 7,471,399	448,284
Alberta 4 per cent bonds	143,584
Saskatchewan 4 per cent bonds	452,602
Saskatchewan 4½ per cent bonds	84,680
	$8,524,424

CANADA

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

CANAL STATISTICS

FOR THE YEAR ENDED DECEMBER 31

1920

PREPARED IN COLLABORATION WITH THE DEPARTMENT OF RAILWAYS AND CANALS, CANADA

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
THOMAS MULVEY
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1921

[No. 20A—1921.]—1

CANADA

BUREAU FÉDÉRAL DE LA STATISTIQUE

SECTION DES TRANSPORTS

STATISTIQUES DES CANAUX

POUR L'ANNÉE TERMINÉE LE 31 DÉCEMBRE

1920

DRESSÉE EN COLLABORATION AVEC LE MINISTÈRE
DES CHEMINS DE FER ET CANAUX

IMPRIMÉ PAR ORDRE DU PARLEMENT

OTTAWA
THOMAS MULVEY
IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI
1921

[N° 20a—1921]

CANAL STATISTICS

PREFACE

The canal statistics of Canada are collected through the agents of the Department of Railways and Canals and compiled in the Transportation Branch of the Dominion Bureau of Statistics.

There was a total decrease of 1,259,883 tons of freight through all the Canadian canals during 1920. A decrease of 1,660,267 tons occurred through the Sault Ste. Marie canal due to diversion of traffic to the American canal following the opening on September 8, 1919, of the fourth lock on the American side; there are now two American locks that are longer and deeper than the Canadian lock. Total traffic through the Canadian and American canals at Sault Ste. Marie increased over 11,000,000 tons, including increases of 29,700,000 bushels of wheat and 9,800,000 tons of iron ore.

Although grain through the Sault Ste. Marie canals increased, the similar shipments through the Welland and St. Lawrence canals decreased due in part to the fact that shipments destined to Buffalo increased. The Canadian grain to Buffalo in 1919 amounted to 8,155,000 bushels and in 1920 to over 54,730,000 bushels.

The following table shows the increase or decrease in total freight through each canal:—

FREIGHT (Tons)

Canal	Increase	Decrease
Sault Ste. Marie	–	1,660,267
Welland	105,293	–
St. Lawrence	176,343	–
Chambly	82,361	–
St. Peters	–	3,566
Murray	27,985	–
Ottawa	14,891	–
Rideau	–	5,702
Trent	707	–
St. Andrews	2,012	–
Total	–	1,259,883

The analytical table of contents will show the arrangement and subject matter of the report in full detail. A feature which has been introduced this year is a series of historical tables for each canal showing total traffic handled back to 1900.

STATISTIQUES DES CANAUX

PRÉFACE

La statistique des Canaux du Canada est colligée par l'intermédiaire des agents du Ministère des Chemins de Fer et Canaux et compilée à la section des Transports du Bureau Fédéral de la Statistique.

En 1920, on constate une diminution de 1,259,883 tonnes dans le trafic de l'ensemble des canaux du Canada. Une décroissance de 1,660,267 tonnes s'est produite dans le canal du Sault Ste-Marie; on doit l'attribuer à la diversion du trafic vers le canal américain, qui fut la conséquence de l'ouverture, le 8 septembre 1919, d'une quatrième écluse, du côté américain; à l'heure actuelle, deux écluses américaines sont plus longues et plus profondes que l'écluse canadienne. Mais, si l'on considère les deux canaux, canadien et américain, du Sault Ste-Marie, on constate alors une augmentation de 11,000,000 de tonnes, dont 29,700,000 boisseaux de blé et 9,800,000 tonnes de minerai de fer.

Nonobstant l'augmentation du trafic du grain par les canaux du Ste-Marie, le transport des céréales par les canaux Welland et du St-Laurent a décru, comme contre-partie de l'augmentation des expéditions pour Buffalo. En 1919, le grain canadien expédié à Buffalo représentait 8,150,000 boisseaux et, en 1920, il atteignait 54,730,000 boisseaux.

Le tableau suivant permettra de juger, d'un seul coup d'œil, des fluctuations du fret de chaque canal:

MARCHANDISES (EN TONNES)

Canal	Augmentation	Diminution
Sault Ste-Marie	–	1,660,267
Welland	105,293	–
St-Laurent	176,343	–
Chambly	82,361	–
St-Pierre	–	3,506
Murray	27,985	–
Ottawa	14,891	–
Rideau	–	5,702
Trent	707	–
St-André	2,012	–
Total	–	1,259,883

La table analytique des matières expose, dans tous ses détails, les sujets traités par ce rapport et leur arrangement. Une innovation dans le rapport de cette année, consiste en une série de tableaux, présentant une revue rétrospective du trafic de chacun des canaux et remontant à l'année 1900.

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Table I—Season of Navigation, 1920
Tableau I—Saison de navigation de 1920

Canals — Canaux	First Vessel Passage — Passage du premier navire	Last Vessel Passage — Passage du dernier navire	Number of Days used — Durée de la saison, en jours
Sault Ste-Marie	April–Avril 23	Dec. 22	245
Welland	" 19	" 12	239
St. Lawrence	May–Mai 1	" 10	224
Chambly	April–Avril 23	Nov. 21	212
St. Peters	" 20	Dec. 31	255
Murray	" 12	" 2	234
Ottawa	May–Mai 1	Nov. 25	209
Rideau	" 2	" 27	210
Trent	April–Avril 19	" 25	220
St. Adrews	June–Juin 2	Oct. 31	151

Table II—Canals of Canada
Tableau II—Canaux du Canada

Name — Nom	Location — Situation	Length in Miles — Longueur en milles	Locks—Ecluses			
			Number — Nombre	Minimum Dimensions Dimensions minimum		
				Length — Longueur	Width — Largeur	Depth — Profondeur
				Ft. Pds	Ft. Pds	Ft. Pds
Sault Ste-Marie	St. Mary's Rapids, 47 miles west of Lake Huron	1·41	1	900	60	19·5
Welland	Port Dalhousie, Lake Ontario to Port Colborne, Lake Erie	26·75	26	270	44	14
St. Lawrence—						
Lachine	Montreal to Lachine	8·50	5	270	45	14
Soulanges	Cascades Point to Coteau Landing	14·00	5	280	45	15
Cornwall	Cornwall to Dickinson's Landing	11·00	6	270	45	14
Farran's Point	Farran's Point Rapid	1·25	1	800	50	14
Rapide Plat	Rapide Plat, Morrisburg	3·67	2	270	45	14
Galops	Iroquois to Cardinal	7·33	3	–	–	14
Chambly—						
St. Ours	St. Ours, Que	0·12	1	200	45	7
Chambly	Chambly to St. Johns, Que.	12·00	9	118	22·5	7
St. Peter's	St. Peter's Bay to Bras d'Or Lakes, Cape Breton, N.S.	0·49	1	300	48	18
Murray	Isthmus of Murray, Bay of Quinte	5·17	None	–	–	12
Ottawa—						
Ste. Annes Lock	Junction of St. Lawrence and Ottawa Rivers	0·12	1	200	45	9
Carillon	Carillon raipds, Ottawa River	0·75	2	200	45	9
Grenville	Long Sault Rapids, Ottawa River	5·75	5	200	45	9
Rideau	Ottawa to Kingston	126·25	47	134	33	5
Trent	Trenton to Peterboro Lock, Peterboro	89·00	18	175	33	8·3
	Peterboro Lock to head of Lake Couchiching	114·6	23	134	33	6
	Sturgeon Lake to Port Perry (Scugog Branch)	30·0	1	142	33	6
St. Andrew's	Red River, fifteen miles north of Winnipeg	–	1	–	–	

Table III—Classified Tonnage of all Vessels passed through the following Canals, during 1920

Tableau III—Classification du tonnage de toutes les embarcations passées par les canaux suivants, en 1920

SAULT STE. MARIE CANAL

CANADIAN VESSELS—BATELLERIE CANADIENNE

Steam Vessels — Vapeurs	Tons	No. — Nomb.	Tonnage	Sailing Vessels — Voiliers	Tons	No. — Nomb.	Tonnage
5,000 (to-à) 5,704	Tonnes	2	11,304	5,000 (to-à)	Tonnes	–	–
4,000 (to-à) 5,000	"	3	13,500	4,000 (to—à) 5,000	"	–	–
3,000 (to-à) 4,000	"	5	17,500	3,000 (to-à) 4,000	"	–	–
2,000 (to-à) 3,000	"	16	37,350	2,000 (to-à) 3,000	"	–	–
1,000 (to-à) 2,000	"	24	32,100	1,000 (to-à) 2,000	"	–	–
Under—Au-dessous de 1,000	"	106	12,590	Under—Au-dessous de 1,000	"	33	4,310
Total		156	124,344	Total		33	4,310

WELLAND CANAL

	Tons				Tons		
1,000 (to-à) 2,000	Tonnes	41	50,824	1,000 (to-à) 2,000	Tonnes	4	4,400
500 (to-à) 1,000	"	40	29,750	500 (to-à) 1,000	"	25	17,550
250 (to-à) 500	"	14	5,575	250 (to-à) 500	"	17	6,375
100 (to-à) 250	"	4	550	100 (to-à) 250	"	9	1,200
50 (to-à) 100	"	15	1,030	50 (to-à) 100	"	3	180
Under—Au-dessous de 50	"	29	840	Under—Au-dessous de 50	"	3	85
Total		143	88,569	Total		61	29,790

ST. LAWRENCE, MURRAY AND ST. PETER'S CANALS

	Tons				Tons		
3,000 (to-à) 4,000	Tonnes	1	3,750	2,000 (to-à)	Tonnes	–	–
2,000 (to-à) 3,000	"	1	2,250	1,000 (to-à) 2,000	"	3	3,350
1,000 (to-à) 2,000	"	43	53,750	500 (to-à) 1,000	"	38	26,650
500 (to-à) 1,000	"	42	33,150	250 (to-à) 500	"	28	9,625
250 (to-à) 500	"	11	3,675	100 (to-à) 250	"	114	15,600
100 (to-à) 250	"	40	6,175	Under—Au-dessous de 100		188	8,765
Under—Au-dessous de 100		112	4,160	Total		371	63,990
Total		250	106,910				

TRENT, RIDEAU, OTTAWA AND CHAMBLY CABALS

	Tons				Tons		
250 (to-à) 500	Tonnes	3	905	250 (to-à) 500	Tonnes	2	553
100 (to-à) 250	"	8	960	100 (to-à) 250	"	101	14,250
50 (to-à) 100	"	14	950	50 (to-à) 100	"	32	2,555
Under—Au-dessons de 50	"	64	735	Under—Au-dessous de 50	"	18	280
Total		89	3,550	Total		153	17,638

SESSIONAL PAPER No. 20a

Table III—Classified tonnage of all Vessels passed through the following Canals during 1920

Tableau III—Classification du tonnage de toutes les embarcations passées par les canaux suivants, en 1920

CANAL DU SAULT STE-MARIE

UNITED STATES VESSELS—BATELLERIE DES ETATS-UNIS

Steam Vessels — Vapeurs		No. — Nomb.	Tonnage	Sailing Vessels — Voiliers		No. — Nomb.	Tonnage
Tons —				Tons —			
5,000 (to-à) 6,000	Tonnes	60	326,317	5,000 (to-à)	Tonnes	–	–
4,000 (to-à) 5,000	"	45	206,350	4,000 (to-à) 5,000	"	–	–
3,000 (to-à) 4,000	"	64	219,850	3,000 (to-à) 4,000	"	–	–
2,000 (to-à) 3,000	"	31	81,000	2,000 (to-à) 3,000	"	–	–
1,000 (to-à) 2,000	"	10	15,700	1,000 (to-à) 2,000	"	–	–
Under—Au-dessous de 1,000	"	19	2,870	Under—Au-dessous de 1,000	"	5	655
Total		229	852,087	Total		5	655

CANAL WELLAND

Tons —				Tons —			
1,000 (to-à) 2,000	Tonnes	78	118,050	1,000 (to-à) 2,000	Tonnes	1	1,907
500 (to-à) 1,000	"	18	12,143	500 (to-à) 1,000	"	4	3,000
250 (to-à) 500	"	9	3,800	250 (to-à) 500	"	7	2,950
100 (to-à) 250	"	10	1,650	100 (to-à) 250	"	4	620
50 (to-à) 100	"	18	1,180	50 (to-à) 100	"	1	50
Under—Au-dessous de 50	"	38	810	Under—Au-dessous de 50	"	–	–
Total		171	137,633	Total		17	8,527

CANAUX ST-LAURENT, MURRAY ET ST-PIERRE

Tons —				Tons —			
2,000 (to-à) 3,000	Tonnes	1	2,100	2,000 (to-à) –	Tonnes	–	–
1,000 (to-à) 2,000	"	64	112,150	1,000 (to-à) 2,000	"	2	3,700
500 (to-à) 1,000	"	24	13,700	500 (to-à) 1,000	"	1	650
250 (to-à) 500	"	2	650	250 (to-à) 500	"	1	275
100 (to-à) 250	"	22	3,300	100 (to-à) 250	"	89	9,875
Under—Au-dessous de 100	"	43	1,370	Under—Au-dessous de 100	"	2	180
Total		156	133,270	Total		95	14,680

CANAUX TRENT, RIDEAU, OTTAWA ET CHAMBLY

Tons —				Tons —			
250 (to-à) –	Tonnes	–	–	250 (to-à) 500	Tonnes	1	251
200 (to-à) 250	"	–	–	100 (to-à) 250	"	108	46,330
100 (to-à) 250	"	–	–	50 (to-à) 100	"	208	19,710
50 (to-à) 99	"	1	60	Under—Au-dessous de 50	"	1	30
Under—Au-dessous de 50	"	12	95				
				Total		318	66,321
Total		13	155				

Table IV—Total Traffic through the Canadian Canals during 1920

Commodities	Sault Ste. Marie	Welland	St. Lawrence	Chambly	St. Peter's	Murray
Class No. 1—Vessels	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes
Canadian Vessels—Steam	2,341,886	1,755,933	2,419,075	38,769	31,390	59,509
Canadian Vessels—Sail	73,889	257,884	813,954	38,897	51,518	83,303
United States Vessels—Steam	2,700,783	446,430	411,489	92	524	744
United States Vessels—Sail	24,648	68,009	30,761	134,886	–	68
Total, Class No. 1	5,141,206	2,528,256	3,675,279	212,644	83,432	143,624
Class No. 2	No. — Nombre	No. — Nombre	No. — Nombre	No. — Nombre	No. — Nombre	No. — Nombre
Passengers	43,455	–	62,397	1,206	1,881	3,414
Freight Class No. 3	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes
Agricultural Products—						
Barley	82,726	45,887	45,756	–	5	–
Buckwheat	–	–	3	–	–	–
Corn	–	10,697	8,533	61	6	–
Oats	117,403	17,252	19,890	494	760	–
Rye	71,727	4,494	2,744	–	–	–
Flax	19,884	2,552	5,327	3,271	–	–
Peas	–	–	–	14	–	–
Wheat	505,772	356,547	384,840	13	–	–
Flour	246,095	1,050	2,478	684	1,130	–
Hay	36	–	8,849	15,023	1,355	–
Other mill products	1,897	–	857	436	610	–
Fruits and vegetables	392	–	602	1,637	958	–
Potatoes	–	–	506	40	3,473	–
Total	1,045,932	438,389	480,385	21,643	8,297	–
Animal Products—						
Live Stock	1	–	387	284	42	–
Poultry, Game and Fish	176	–	134	28	1,460	–
Dressed meats	–	–	4	1	1	–
Other Packing House Products	1,416	–	195	10	103	–
Hides and Leather	–	10	19	–	1	–
Wool	43	–	5	–	–	–
Animal Products, all other	–	–	3,059	–	20	–
Total	1,636	10	3,803	323	1,627	
Grand Total, Class No. 3	1,047,568	438,399	484,188	21,966	9,924	–
Class No. 4						
Manufactures—						
Agricultural Implements	2,005	3,050	239	141	–	–
Cement, Bricks and Lime	–	30,400	17,973	511	1,057	1,300
Household Goods, and Furniture	1	–	2,909	23	12	–
Iron,—Pig and Bloom	4,778	3,695	3,506	2	90	–
Iron and Steel, all other	16,626	5,085	8,320	233	501	300
Petroleum and other Oils	2,403	107,205	61,863	112	976	–
Sugar	5,085	3,386	7,792	89	31	–
Salt	10,221	–	1,112	82	608	–
Wines, Liquors and Beers	536	270	1,982	15	–	60
Merchandise—not enumerated	228,524	52,123	102,161	17,977	3,757	6,855
Total, Class No. 4	270,179	205,214	207,857	19,185	7,032	8,515
Class No. 5						
Products of Forest—						
Pulpwood	48,418	166,178	408,475	102,104	–	–
Sawed Lumber	5,040	3,975	116,641	91,597	590	–
Squared Lumber	26	–	1,851	779	70	–
Shingles	380	–	4,139	45	25	–
Other Woods	40	–	–	10,159	368	–
Total, Class No. 5	53,904	170,153	531,106	204,684	1,053	–
Class No. 6						
Products of Mine—						
Hard coal	14,200	–	270,988	71,901	103	1,278
Soft Coal	192,591	1,383,361	1,416,441	–	41,136	–
Coke	2,300	–	–	–	160	–
Copper Ore	6,576	750	750	–	–	–
Iron Ore	858,183	–	–	–	–	–
Other Ore	–	–	–	–	1,410	–
Sand, etc	32,317	78,195	156,632	7,586	555	126,442
Total, Class No. 6	1,106,167	1,462,306	1,844,811	79,487	43,364	127,720
Grand Total	2,477,818	2,276,072	3,067,962	325,322	61,373	136,235

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Tableau IV—Volume du trafic par les canaux canadiens en 1920

Ottawa	Rideau	Trent	St. Andrews	Total	Increase — Augmentation	Decrease — Diminution	Nomenclature
Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	1ÈRE CATÉGORIE—NAVIRES
49,949	75,592	126,828	10,277	6,909,208	–	483,137	Navires canadiens, à vapeur.
199,985	43,159	33,756	16,090	1,612,435	268,807	–	Navires canadiens, à voiles.
–	622	137	–	3,560,821	–	1,532,410	Navires des Etats-Unis, à vapeur.
19,195	502	–	–	278,069	112,127	–	Navires des Etats-Unis, à voiles.
269,129	119,875	160,721	26,367	12,360,533	–	1,634,613	Total, 1ère catégorie.
No. — Nombre	No. — Nombre	No. — Nombre	No. — Nombre	No. — Nombre	No. — Nombre	No. — Nombre	2E CATÉGORIE
550	14,785	97,849	4,931	230,468	–	31,588	Passagers.
Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	3E CATÉGORIE—MARCHANDISES
							Produits agricoles—
–	–	12	–	174,386	–	293,011	Orge.
2	–	6	–	11	4	–	Sarrasin.
24	1	–	–	19,232	–	32,828	Maïs.
395	399	13	51	156,657	–	134,375	Avoine.
–	–	–	–	78,965	–	5,884	Seigle.
–	–	–	–	31,034	8,0 32	–	Lin.
–	–	5	–	19	–	20	Pois.
35	–	1,656	–	1,248,863	–	612,436	Blé.
551	147	17	–	252,152	–	111,046	Farine.
465	771	8	50	26,557	7,933	–	Foin.
457	125	38	–	4,390	–	6,506	Autres produits de meunerie.
321	71	56	–	4,037	–	460	Fruits et légumes.
422	128	88	–	4,657	55	–	Pommes de terre.
2,672	1,642	1,899	101	2,000,960	–	1,180,542	Total.
							Produits des animaux—
278	9	150	–	1,151	–	144	Animaux vivants.
34	12	–	–	1,844	407	–	Volaille, gibier et poisson.
–	8	–	–	14	–	1,957	Viande abattue.
179	188	–	–	2,091	117	–	Autres produits des fabricants de conserves.
3	–	–	–	33	–	215	Peaux et cuir.
5	–	–	–	53	–	650	Laine.
1,970	1,780	26	–	6,855	–	1,040	Tous autres produits des animaux.
2,469	1,997	176	–	12,041	–	13,482	Total.
5,141	3,639	2,075	101	2,013,001	–	1,184,024	Grand total de la 3e catégorie.
							4E CATÉGORIE
							Manufactures—
128	95	86	10	5,754	–	3,544	Instruments aratoires.
447	277	73	8	52,046	42,110	–	Ciment, briques, chaux.
265	159	66	10	3,445	347	–	Meubles et objets mobiliers.
148	187	10	–	12,416	–	18,182	Fer en gueuse et en saumon.
1,301	1,962	–	–	34,328	–	36,145	Tous autres fer et acier.
844	710	30	–	174,143	–	82,837	Pétrole et autres huiles.
446	250	1	–	17,080	–	5,700	Sucre.
959	1,150	3	–	14,135	–	3,286	Sel.
1,430	1,880	19	–	6,192	312	–	Vins, liqueurs et bières.
15,892	10,326	1,646	102	439,363	36,621	–	Marchandises non énumérées.
21,860	16,996	1,934	130	758,902	–	70,304	Total, 4e catégorie.
							5E CATÉGORIE
							Produits forestiers—
–	27	7,460	–	732,662	266,601	–	Bois à pulpe.
98,013	6,739	9,397	1,781	333,773	–	20,123	Bois de construction scié.
1,424	–	4,117	–	8,267	–	1,623	Bois équarri.
–	71	48	–	4,708	2,990	–	Bardeaux.
6,065	1,085	28,444	3,493	49,654	18,222	–	Autres bois.
105,592	7,922	49,466	5,274	1,129,064	255,977	–	Total, 5e catégorie.
							6E CATÉGORIE
							Produits miniers—
891	1,015	64	95	369,535	–	40,848	Houille anthracite.
2,589	1,820	88	–	3,038,017	710,402	–	Houille bitumineuse.
–	–	–	–	2,460	–	1,741	Coke.
–	–	–	–	8,076	–	2,725	Minerai de cuivre.
–	–	1	–	858,184	–	1,032,435	Minerai de fer.
–	–	–	–	1,410	–	17,449	Autres minerais.
97,355	66,445	32	175	565,734	123,264	–	Sable, etc.
100,826	69,280	185	270	4,834,416	–	261,532	Total, 6e catégorie.
233,329	97,837	53,660	5,775	8,735,383	–	1,259,883	Grand total.

Table V—Total Freight through Canadian Canals during 1920

Tableau V—Cargaisons transportées sur les canaux canadiens en 1920

CANALS — CANAUX	ORIGIN — ORIGINE				TRANSPORTED IN — TRANSPORTÉES DANS			
	Canadian — Canada		United States — Etats-Unis		Canadian Vessels — Navires canadiens		United States Vessels — Navires des E.-U.	
	Tons — Tonnes	Per cent of total	Tons — Tonnes	Per cent of total	Tons — Tonnes	Per cent of total	Tons — Tonnes	Per cent of total
Sault Ste. Marie	1,286,251	51·91	1,191,567	48·09	1,445,161	58·32	1·032,657	41·68
Welland	717,452	31·52	1,558,620	68·48	1,862,468	81·83	413,604	18·17
St. Lawrence	1,285,272	41·89	1,782,690	58·11	2,679,487	87·34	3 88,475	12·66
Chambly	228,022	70·09	97,300	29·91	45,467	13·98	279,855	86·02
St. Peter's	61,373	100·00	.....	.....	61,373	100·00	.....	.....
Murray	134,707	98·88	1,528	1·12	136,235	100·00	.....	.....
Ottawa	226,594	97·12	6,735	2·88	198,553	85·10	34,776	14·90
Rideau	95,002	97·10	2·835	2,90	96,277	98·41	1,560	1·59
Trent	53,596	99·88	64	0·12	53,660	100·00	.....	.....
St. Andrew's	5,775	100·00	.....	.....	5,775	100·00	.....	.....
Total	4,094,044	46·87	4,641,339	53·13	6,584,456	75·37	2,150,927	24·63

	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des E.-U.		From United States to United States Ports — De ports des E.-U. à ports des E.-U.		From United States to Canadian Ports — De ports des E.-U. à ports canadiens	
	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes
Sault-Ste-Marie	238,164	850,828	.....	202,855	54,621	862,696	182,564	86,090
Welland	101,916	532,104	97,647	.....	950	8,192	.....	1,535,263
St.-Lawrence	215,226	686,670	379,932	33,280	.....	.. 996	13,596	1,738,262
Chambly	3,466	12,450	210,058	.....	.....	.....	.....	99,348
St. Peter's	12,739	48,634	.....	.....	.....	.....	.....	.....
Murray	132,213	2,494	.....	.....	.....	.....	1,278	250
Ottawa	14,501	179,907	.....	32,186	.....	.....	6,735	.....
Rideau	68,527	26,543	.....	.....	.....	.....	.....	2,767
Trent	16,457	37,203	.....	.....	.....	.....	.....	.....
St. Andrew's	5,577	198	.....	.....	.....	.....	.....	.....
	808,786	2,377,031	687,637	268,321	55,571	871,884	204,173	3,461,980

	Total Up — Total en montant	Total Down — Total en descendant	Grand Total — Grand Total
	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes
Sault Ste. Marie	475,349	2,002,469	2,477.818
Welland	200,513	2,075,559	2,276,072
St. Lawrence	608,754	2,459,208	3,067,962
Chambly	213,524	111,798	325,322
St. Peter's	12,739	48,634	61,373
Murray	133,491	2,744	136,235
Ottawa	21,236	212,093	233,329
Rideau	68,527	29,310	97,837
Trent	16,457	37,203	53,660
St. Andrew's	5,577	198	5,775
Total	1,756,167	6,979,216	8,735,383

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Table VI—Canadian Wheat through the Canadian and American Canals at Sault Ste. Marie

Tableau VI—Blé canadien transporté sur les canaux canadien et américain du Sault Ste-Marie

To— / Pour—	Montreal / Montréal	Georgian Bay / Baie Georgienne	Other Canadian Ports / Autres ports canadiens	Buffalo and other U.S. Ports / Buffalo et autres ports des E.-U.	Total	Percentage through Canadian Canal / Pourcentage par le canal canadien	Percentage through U.S. Canal / Pourcentage par le canal américain
	Bushels / Boisseaux	Bushels / Boisseaux	Bushels / Boisseaux	Bushels / Boisseaux	Bushels / Boisseaux	—	—
1913	15,186,632	26,054,001	28,973,333	71,512,933	141,726,899	71·31	28·69
1914	10,283,166	24,864,467	34,350,699	25,533,734	95,032,066	81·52	18·48
1915	4,025,010	25,315,999	33,067,613	107,709,239	170,117,861	28·64	71·36
1916	1,686,482	48,007,361	28,029,847	107,279,977	185,003,667	44·76	55·24
1917	1,280,170	52,453,042	31,369,487	73,471,563	158,574,262	38·18	61·82
1918	728,500	38,774,391	20,638,204	2,158,176	62,299,271	32·08	67·92
1919	563,003	53,793,931	33,090,288	4,127,614	91,574,836	23·00	77·00
1920	849,151	34,494,678	20,743,069	53,880,995	109,967,883	13·36	86·64

" Other Canadian Ports " refers chiefly to Port Colborne and Goderich, for details, see pages 14-15.
« Autres ports canadiens » se rapporte principalement à Port-Colborne et Goderich. Pour détails, voir pages 14-15.

Table VII—Canadian Grain and Flour through the Canadian and American Canals at Sault Ste. Marie, during 1920

Tableau VII—Grain et farine canadiens transportés sur les canaux canadien et américain du Sault Ste-Marie, en 1920

From Fort William and Port Arthur / De Fort-William et Port-Arthur	Canadian Canal / Canal canadien	Percentage / Pourcentage	American Canal / Canal américain	Percentage / Pourcentage	Total	Percentage in Canadian bottoms / Pourcentage de la batellerie canadienne	Percentage in United States bottoms / Pourcentage de la batellerie des Etats-Unis
	Bushels / Boisseaux		Bushels / Boisseaux		Bushels / Boisseaux		
Wheat—Blé	14,690,673	13·38	95,111,147	86·62	109,801,820	61·09	38·91
Oats—Avoine	6,905,961	47·16	7,736,278	52·84	14,642,239	81·73	18·27
Barley—Orge	3,230,920	49·36	3,315,264	50·64	6,546,184	87·92	12·08
Rye—Seigle	788,211	38·97	1,234,580	61·03	2,022,791	54·42	45·58
Flax—Lin	469,668	42·93	624,280	57·07	1,093,948	62·97	37·03
*Flour—Farine	8,377,965	92·36	693,270	7·64	9,071,235	100·00	-
From Duluth and Superior—De Duluth et Superior—							
Wheat—Blé	-	-	166,063	100·00	166,063	-	100·00
Total[1]	34,463,398	21·46	108,880,882	78·54	143,344,280	65·24	34·76

*1,861,770 barrels of Canadian flour went through the Canadian Canal and 154,060 barrels through the American Canal making an aggregate of 2,015,830 barrels equivalent to 9,071,235 bushels of wheat at 4½ bushels to a barrel.
*1,861,770 barils de farine canadienne ont passé par le canal canadien et 154,060 barils par le canal américain, soit au total 2,015,830 barils, équivalant à 9,071,235 boisseaux de blé, à raison de 4½ boisseaux au baril.
[1]Reduced to tons to compute per cents.
[1]Réduit en tonnes pour calculer le pourcentage.

Table VIII—Canadian Wheat through the Sault Ste. Marie Canals, during 1920

1920	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août
	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux
Canadian Canal					
Fort William-Port Arthur to Montreal	–	94,974	164,716	–	–
Fort William-Port Arthur to Georgian Bay	–	1,000,724	236,246	1,175,721	2,644,177
*Fort William -Port Arthur to Other Canadian Ports	199,107	638,314	383,466	258,552	404,340
Fort William-Port Arthur to Buffalo and other U.S. Ports	–	–	–	–	50,000
Total	199,107	1,734,012	784,428	1,434,273	3,098,517
American Canal					
Fort William-Port Arthur to Montreal	–	–	–	–	–
Fort William-Port Arthur to Georgian Bay	1,990,670	5,004,488	567,124	2,276,495	2,629,093
*Fort William-Port Arthur to Other Canadian Ports	1,559,125	3,200,637	1,930,631	1,071,927	212,828
Fort William-Port Arthur to Buffalo and other U.S. Ports	–	–	–	–	–
Total	3,549,795	8,205,125	2,497,755	3,348,422	2,841,921
Duluth-Superior to Georgian Bay	–	–	–	–	126,621
Duluth-Superior to Buffalo	–	–	–	–	39,4
Grand Total	3,549,795	8,205,125	2,497,755	3,348,422	3,007,984
Canadian And American Canals					
Fort William-Port Arthur to Montreal	–	94,974	164,716	–	–
Fort William-Port Arthur to Georgian Bay	1,990,670	6,005,212	803,370	3,452,216	5,273,270
*Fort William-Port Arthur to Other Canadian Ports	1,758,232	3,838,951	2,314,097	1,330,479	617,168
Fort William-Port Arthur to Buffalo and other U.S. Ports	–	–	–	–	50,000
Total	3,748,902	9,939,137	3,282,183	4,782,695	5,940,438
Duluth-Superior to Georgian Bay	–	–	–	–	126,621
Duluth-Superior to Buffalo	–	–	–	–	39,442
Grand Total	3,748,902	9,939,137	3,282,183	4,782,695	6,106,501

*Includes 1,360,261 bushels through Canadian Canal and 4,977,984 bushels through American Canal destined Goderich.

Table IX—Canadian Oats through the Sault Ste. Marie Canals during 1920

1920	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août
	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux
Canadian Canal					
Fort William—Port Arthur to Montreal	101,035	275,887	33,664	18,000	71,231
Fort William—Port Arthur to Georgian Bay	–	485,345	510,761	45,000	171,634
*Fort William—Port Arthur to Other Canadian Ports	–	831,599	224,391	123,057	–
Fort William—Port Arthur to Buffalo and other U.S. Ports.	–	1,357,908	148,263	–	–
Total	101,035	2,950,739	917,079	186,057	242,865
American Canal					
Fort William—Port Arthur to Montreal	–	–	–	–	–
Fort William—Port Arthur to Georgian Bay	202,947	563,565	–	–	–
*Fort William—Port Arthur to Other Canadian Ports	250,105	–	322,111	52,088	–
Fort William—Port Arthur to Buffalo and other U.S. Ports.	–	1,731,685	–	–	–
Total	453,052	2,295,250	322,111	52,088	–
Canadian and American Canals					
Fort William—Port Arthur to Montreal	101,035	275,887	33,664	18,000	71,231
Fort William—Port Arthur to Georgian Bay	202,947	1,048,910	510,761	45,000	171,634
Fort William—Port Arthur to Other Canadian Ports	250,105	831,599	546,502	175,145	–
Fort William—Port Arthur to Buffalo and other U.S. Ports.	–	3,089,593	148,263	–	–
Grand Total	554,087	5,245,989	1,239,190	238,145	242,865

*Includes to Goderich through Canadian Canal 1,564,064 bushels, through U.S. Canals 977,912 bushels.

Tableau VIII—Blé canadien ayant passé par les canaux du Sault Ste-Marie en 1920

September — Septembre	October — Octobre	November — Novembre	December — Décembre	Total	1920
Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	
					CANAL CANADIEN
223,232	141,500	–	–	624,422	Fort William-Port Arthur à Montréal.
540,484	752,056	772,443	800,710	7,922,561	Fort William-Port Arthur à la Baie Georgienne.
392,850	318,726	399,444	244,742	3,239,541	Fort William-Port Arthur à d'autres ports canadiens.
839,007	1,525,353	337,289	152,500	2,904,149	Fort William-Port Arthur à Buffalo et autres ports des E.-U.
1,995,573	2,737,635	1,509,176	1,197,952	14,690,673	Total.
					CANAL AMÉRICAIN
–	224,729	–	–	224,729	Fort William-Port Arthur à Montréal.
1,013,410	1,812,215	6,448,857	4,703,144	26,445,496	Fort William-Port Arthur à la Baie Georgienne.
1,748,391	3,549,612	3,657,796	572,571	17,503,518	Fort William-Port Arthur à d'autres ports canadiens.
1,610,622	14,472,377	18,460,535	16,393,870	50,937,404	Fort William-Port Arthur à Buffalo et autres ports des E.-U.
4,372,423	20,058,933	28,567,188	21,669,585	95,111,147	Total.
–	–	–	–	126,621	Duluth-Supérieur à la Baie Georgienne.
–	–	–	–	39,442	Duluth-Supérieur à Buffalo.
4,372,423	20,058,933	28,567,188	21,669,585	95,277,210	Grand total.
					CANAUX CANADIEN ET AMÉRICAIN
223,232	366,229	–	–	849,151	Fort William-Port Arthur à Montréal.
1,553,894	2,564,271	7,221,300	5,503,854	34,368,057	Fort William-Port Arthur à la Baie Georgienne.
2,141,241	3,868,338	4,057,240	817,313	20,743,059	Fort William-Port Arthur à d'autres ports canadiens.
2,449,629	15,997,730	18,797,824	16,546,370	53,841,553	Fort William-Port Arthur à Buffalo et autres ports des E.-U.
6,367,996	22,796,568	30,076,364	22,867,537	109,801,820	Total.
–	–	–	–	126,621	Duluth-Supérieur à la Baie Georgienne.
–	–	–	–	39,442	Duluth-Supérieur à Buffalo.
6,367,996	22,796,568	30,076,364	22,867,537	109,967,883	Grand total.

*Y compris 1,360,261 boisseaux passés par le canal canadien et 4,977,984 boisseaux par le canal américain, à destination de Goderich.

Tableau IX—Avoine canadienne ayant passé par les canaux du Sault-Ste-Marie en 1920

September — Septembre	October — Octobre	November — Novembre	December — Décembre	Total	1920
Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	
					CANAL CANADIEN
17,857	241,555	266,126	–	1,025,355	Fort William—Port Arthur à Montréal.
–	535,758	781,681	280,192	2,810,371	Fort William—Port Arthur à la Baie Georgienne.
–	66,983	25,000	293,034	1,564,064	Fort William—Port Arthur à d'autres ports canadiens.
–	–	–	–	1,506,171	Fort William—Port Arthur à Buffalo et autres ports des E.-U.
17,857	844,296	1,072,807	573,226	6,905,961	Total.
					CANALX AMÉRICAIN
–	–	–	–	–	Fort William—Port Arthur à Montréal.
–	383,579	1,808,169	695,385	3,653,645	Fort William—Port Arthur à la Baie Georgienne.
–	171,118	487,576	362,667	1,645,665	Fort William—Port Arthur à d'autres ports canadiens.
–	–	174,277	531,006	2,436,968	Fort William—Port Arthur à Buffalo et autres ports de E.-U.
–	554,697	2,470,022	1,589,058	7,736,278	Total.
					CANAUq CANADIEN ET AMÂRICAIN
17,857	241,555	266,126	–	1,025,355	Fort William—Port Arthur à Montréal.
–	919,337	2,589,850	975,577	6,464,016	Fort William—Port Arthur à la Baie Georgienne.
–	238,101	512,576	655,701	3,209,729	Fort William—Port Arthur à d'autres ports canadiens.
–	–	174,277	531,006	3,943,139	Fort William—Port Arthur à Buffalo et autres ports des E.-U.
17,857	1,398,993	3,542,829	2,162,284	14,642,239	Grand total

*Comprend 1,564,064 boisseaux par le canal canadien et 977,912 par le canal américain destinés à Goderich.

Table X.—Canadian Barley through the Sault Ste. Marie Canals during 1920

1920	April — Avril	May — Mai	June — Juin	July — Juillet	August — Août
Canadian Canal.	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux
Fort William—Port Arthur to Montreal	68,591	194,870	126,452	235,497	183,622
Fort William—Port Arthur to Georgian Bay	208,846	236,551	–	140,577	69,518
*Fort William—Port Arthur to other Canadian Ports	–	348,715	–	–	66,389
Fort William—Port Arthur to Buffalo and U.S. Ports	–	–	–	–	–
Total	277,437	780,136	126,452	376,074	319,529
American Canal					
Fort William—Port Arthur to Montreal	–	–	–	–	–
Fort William—Port Arthur to Georgian Bay	–	143,859	–	91,257	115,925
*Fort William—Port Arthur to other Canadian ports	292,188	141,001	–	80,336	–
Fort William—Port Arthur to Buffalo and U.S. ports	–	158,680	–	–	–
Total	292,188	443,540	–	171,593	115,925
Canadian and American Canals					
Fort William—Port Arthur to Montreal	68,591	194,870	126,452	235,497	183,622
Fort William—Port Arthur to Georgian Bay	208,846	380,410	–	231,834	185,443
*Fort William—Port Arthur to Other Canadian Ports	292,188	489,716	–	80,336	66,389
Fort William—Port Arthur to Buffalo and U.S. Ports	–	158,680	–	–	–
Grand Total	569,625	1,223,676	126,452	547,667	435,454

*Includes to Goderich through Canadian Canal 515,687 bushels, through U.S. Canal 230,969 bushels.

Table XI—Canadian Flour through the Sault Ste. Marie Canals during 1920

1920	May — Mai	June — Juin	July — Juillet	August — Août	September — Septembre
Canadian Canal	Barrels — Barils	Barrels — Barils	Barrels — Barils	Barrels — Barils	Barrels — Barils
Fort William—Port Arthur to Pt. McNicoll	157,500	181,930	251,510	79,840	91,300
Fort William—Port Arthur to Pt. Edward	27,940	63,890	79,940	42,200	25,480
Total	185,440	245,820	331,450	122,040	116,780
American Canal					
Fort William—Port Arthur to Pt. McNicoll	–	56,730	–	–	–
Fort William—Port Arthur to Pt. Edward	32,250	43,700	7,420	–	–
Total	32,250	100,430	7,420	–	–
Canadian and American Canals					
Fort William—Port Arthur to Pt. McNicoll	157,500	238,660	251,510	79,840	91,300
Fort William—Port Arthur to Pt. Edward	60,190	107,590	87,360	42,200	25,480
Grand Total	217,690	346,250	338,870	122,040	116,780

Tableau X—Orge canadienne passée par les canaux du Sault Ste-Marie en 1920

September — Septembre	October — Octobre	November — Novembre	December — Décembre	Total	1920
Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	Bushels — Boisseaux	
					Canal canadien
112,220	192,275	49,101	–	1,162,628	Fort William—Port Arthur à Montréal.
–	157,258	273,711	257,675	1,344,136	Fort William—Port Arthur à la Baie Georgienne.
–	293,560	15,492	–	724,156	Fort William—Port Arthur à d'autres ports canadiens.
–	–	–	–	–	Fort William—Port Arthur à Buffalo et autres ports des E.-U.
112,220	643,093	338,304	257,675	3,230,920	Total.
					Canal américain
–	–	–	–	–	Fort William—Port Arthur à Montréal.
–	205,059	538,032	449,204	1,543,336	Fort William—Port Arthur à la Baie Georgienne.
93,242	144,000	166,969	64,000	981,736	Fort William—Port Arthur à d'autres ports canadiens.
–	35,557	235,417	360,538	790,192	Fort William—Port Arthur à Buffalo et autres ports des E.-U.
93,242	384,616	940,418	873,742	3,315,264	Total.
					Canaux canadien et américain
112,220	192,275	49,101	–	1,162,628	Fort William—Port Arthur à Montréal.
–	362,317	811,743	706,879	2,887,472	Fort William—Port Arthur à la Baie Georgienne.
93,242	437,560	182,461	64,000	1,705,892	Fort William—Port Arthur à d'autres ports canadiens.
–	35,557	235,417	360,538	790,192	Fort William—Port Arthur à Buffalo et autres ports des E.-U.
205,462	1,027,709	1,278,722	1,131,417	6,546,184	Grand total.

*Comprend 515,687 boisseaux passés par le canal canadien et 230,969 boisseaux par le canal américain destinés à Goderich

Tableau XI—Farine canadienne ayant passé par les canaux du Sault Ste-Marie en 1920

October — Octobre	November — Novembre	December — Décembre	Total	1920
Barrels — Barils	Barrels — Barils	Barrels — Barils	Barrels — Barils	
				Canal canadien
241,670	277,400	57,960	1,339,110	Ft. William—Pt. Arthur à Pt. McNicoll.
125,560	123,710	33,940	522,660	Ft. William—Pt. Arthur à Pt. Edouard.
367,230	401,110	91,900	1,861,770	Total.
				Canal américain
13,960	–	–	70,690	Ft. William—Port Arthur à Pt. McNicoll.
–	–	–	83,370	Ft. William—Port Arthur à Pt. Edouard.
13,960	–	–	154,060	Total.
				Canaux canadien et américain
255,630	277,400	57,960	1,409,800	Fort William—Port Arthur à Pt. McNicoll.
125,560	123,710	33,940	606,030	Fort William—Port Arthur à Pt. Edouard.
381,190	401,110	91,900	2,015,830	Grand total.

Table XII—Freight Rates by Water on Barley and Oats during 1920

Tableau XII—Tarifs des transports par eau sur l'orge et l'avoine en 1920

Fort William-Port Arthur to—à	Barley — Orge			Oats — Avoine		
	Average rate per bushel — Moyenne par boisseau	Average rate per ton — Moyenne par tonne	Average rate per ton per mile — Moyenne par tonne-mille	Average rate per bushel — Moyenne par boisseau	Average rate per ton — Moyenne par tonne	Average rate per ton per mile — Moyenne par tonne-mille
	cents	$	cent	cents	$	cent
Montreal—Montréal—						
April—Avril	11·00	4·58	·372	7·50	4·41	·359
May—Mai	10·56	4·40	·358	7·50	4·41	·359
June—Juin	9·18	3·83	·309	7·50	4·41	·359
July—Juillet	10·50	4·37	·356	7·25	4·26	·347
August—Août	10·50	4·37	·356	7·50	4·41	·359
September—Septembre	12·34	5·14	·418	·950	5·58	·455
October—Octobre	13·50	5·62	·458	9·50	5·58	·455
November—Novembre	13·50	5·62	·458	9·57	5·63	·458
December—Décembre	–	–	–	–	–	–
Goderich and Georgian Bay—Goderich et la Baie Georgienne—						
April—Avril	3·33	4·38	·356	2·25	1·32	·246
May—Mai	2·95	1·22	·227	2·35	1·38	·257
June—Juin	–	–	–	2·25	1·32	·246
July—Juillet	2·85	1·18	·219	2·44	1·43	·267
August—Août	2·75	1·14	·212	2·50	1·47	·273
September—Septembre	4·00	1·66	·309	–	–	–
October—Octobre	4·81	2·00	·372	4·07	2·39	·445
November—Novembre	5·43	2·26	·420	3·97	2·38	·434
December—Décembre	5·13	2·13	·396	4·31	2·53	·472
Port Colborne—						
April—Avril	3·50	1·45	·170	–	–	–
May—Mai	3·37	1·40	·165	–	–	–
June—Juin	–	–	–	2·75	1·61	·190
July—Juillet	3·50	1·45	·170	–	–	–
August—Août	3·00	1·25	·147	–	–	–
September—Septembre	4·25	1·77	·208	–	–	–
October—Octobre	4·33	1·80	·212	–	–	–
November—Novembre	–	–	–	–	–	–
December—Décembre	–	–	–	6·75	3·97	·468
Buffalo and U.S. Ports—Buffalo et ports des E.-U.—						
April—Avril	–	–	–	–	–	–
May—Mai	2·98	1·24	·143	2·78	1·63	·189
June—Juin	–	–	–	3·00	1·76	·204
July—Juillet	–	–	–	–	–	–
August—Août	–	–	–	–	–	–
September—Septembre	–	–	–	–	–	–
October—Octobre	7·00	2·93	·338	–	–	–
November—Novembre	4·48	1·86	·215	4·75	2·79	·323
December—Décembre	6·08	2·53	·292	4·03	2·37	·274

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Table XIII—Freight Rates by Water on Flax and Rye during 1920

Tableau XIII—Tarifs des transports par eau sur le lin et le seigle en 1920

Fort William–Port Arthur to—à	Flax — Lin			Rye — Seigle		
	Average rate per bushel — Moyenne par boisseau	Average rate per ton — Moyenne par tonne	Average rate per ton per mile — Moyenne par tonne-mille	Average rate per bushel — Moyenne par boisseau	Average rate per ton — Moyenne par tonne	Average rate per ton per mile — Moyenne par tonne-mille
	cents	$	cent	cents	$	cent
Montreal—Montréal—						
April—Avril	–	–	–	–	–	–
May—Mai	–	–	–	–	–	–
June—Juin	–	–	–	11·00	3·92	·319
July—Juillet	–	–	–	–	–	–
August—Août	11·00	3·92	·319	11·00	3·92	·319
September—Septembre	15·00	5·35	·436	11·00	3·92	·319
October—Octobre	15·87	5·66	·462	–	–	–
November—Novembre	16·00	5·71	·465	–	–	–
December—Décembre	–	–	–	–	–	–
Goderich and Georgian Bay—Goderich et la Baie Georgienne—						
April—Avril	–	–	–	3·50	1·25	·232
May—Mai	–	–	–	3·13	1·12	·208
June—Juin	–	–	–	2·75	0·98	·182
July—Juillet	–	–	–	3·00	1·07	·199
August—Août	3·35	1·19	·223	3·00	1·07	·199
September—Septembre	4·50	1·60	·299	4·50	1·60	·297
Octobre—Octobre	–	–	–	5·00	1·79	·333
November—Novembre	5·73	2·04	·381	5·50	1·96	·364
December—Décembre	5·50	1·96	·365	5·28	1·88	·350
Buffalo and U.S. Ports—Buffalo et ports des E.-U.—						
April—Avril	–	–	–	–	–	–
May—Mai	–	–	–	3·75	1·33	·153
June—Juin	–	–	–	–	–	–
July—Juillet	–	–	–	–	–	–
August—Août	3·00	1·07	·123	–	–	–
September—Septembre	–	–	–	–	–	–
October—Octobre	7·00	2·50	·289	–	–	–
November—Novembre	4·18	1·49	·172	–	–	–
December—Décembre	4·00	1·42	·165	–	–	–

Table XIV—Freight Rates by Water on Wheat during 1919 and 1920

Tableau XIV—Tarifs des transports par eau sur le blé en 1919 et 1920

Fort William-Port-Arthur to—à	1919			1920		
	Average rate per bushel — Moyenne par boisseau	Average rate per ton — Moyenne par tonne	Average rate per ton per mile — Moyenne par tonne-mille	Average rate per bushel — Moyenne par boisseau	Average rate per ton — Moyenne par tonne	Average rate per ton per mile — Moyenne par tonne-mille
	cents	$	cents	cents	$	cents
Montreal—Montréal—						
April—Avril	12·00	4·00	0·325	–	–	–
May—Mai	11·50	3·83	0·312	11·00	3·67	0·298
June—Juin	–	–	–	11·00	3·67	0·298
July—Juillet	9·89	3·29	0·269	–	–	–
August—Août	10·50	3·50	0·285	–	–	–
Septembre—Septembre	11·00	3·67	0·298	13·46	4·49	0·365
Octobre—Octobre	–	–	–	11·00	3·67	0·298
November—Novembre	11·10	3·70	0·301	–	–	–
December—Décembre	–	–	–	–	–	–
Average—Moyenne	10·76	3·58	0·292	11·64	3·87	0·316
Goderich and Georgian Bay—Goderich et la Baie Georgienne—						
April—Avril	3·50	1·17	0·225	3·01	1·00	0·186
May—Mai	3·07	1·02	0·196	3·00	1·00	0·186
June—Juin	3·00	1·00	0·195	3·00	1·00	0·186
July—Juillet	2·34	0·78	0·152	3·00	1·00	0·186
August—Août	2·36	0·78	0·153	2·99	0·99	0·186
September—Septembre	2·93	0·97	0·191	3·87	1·29	0·240
Octobre—Octobre	3·00	1·00	0·194	5·08	1·69	0·315
November—Novembre	3·00	1·00	0·196	5·52	1·84	0·342
December—Décembre	5·15	1·72	0·334	5·64	1·88	0·350
Average—Moyenne	3·15	1·05	0·203	4·17	1·39	0·259
Port Colborne—						
April—Avril	3·95	1·32	0·161	3·50	1·16	0·137
May—Mai	3·31	1·10	0·164	3·50	1·16	0·137
June—Juin	3·02	1·01	0·136	3·44	1·14	0·135
July—Juillet	2·57	0·86	0·104	3·50	1·16	0·137
August—Août	3·43	1·14	0·142	3·50	1·16	0·137
September—Septembre	3·41	1·14	01·53	4·32	1·44	0·172
October—Octobre	3·41	1·14	0·144	6·05	2·01	0·237
November—Novembre	3·31	1·10	0·129	6·32	2·10	0·248
December—Décembre	5·60	1·87	0·293	6·75	2·25	0·264
Average—Moyenne	3·46	1·15	0·150	4·57	1·52	0·180
Buffalo and other U.S. Ports—Buffalo et autres ports des E.-U.—						
April—Avril	–	–	–	–	–	
May—Mai	3·50	1·17	0·135	–	–	–
June—Juin	–	–	–	–	–	–
July—Juillet	3·00	1·00	0·115	–	–	–
August—Août	3·50	1·17	0·135	3·00	1·00	0·145
September—Septembre	–	–	–	5·34	1·78	0·211
October—Octobre	–	–	–	6·06	2·02	0·238
November—Novembre	–	–	–	5·74	1·91	0·224
December—Décembre	6·00	2·00	0·231	5·31	1·77	0·209
Average—Moyenne	4·11	1·37	0·158	5·70	1·90	0·223

Table XV—Average Freight Rates by Water on Wheat

Tableau XV—Moyenne des tarifs de transports par eau sur le blé

Fort William-Port Arthur to—à		Per Bushel — Par boisseau	Per Ton — Par tonne	Per Ton per mile — Par tonne-mille
		cents	$	cent
Montreal—Montréal	1917	8·78	3·26	0·205
	1918	11·39	3·80	0·309
	1919	10·76	3·58	0·292
	1920	11·64	3·87	0·316
Georgian Bay Ports—Ports de la Baie Georgienne	1917	4·25	1·42	0·270
	1918	4·32	1·44	0·277
	1919	3·15	1·05	0·203
	1920	4·17	1·39	0·259
Other Canadian Ports—Autres ports canadiens	1917	4·18	1·39	0·185
	1918	4·48	1·49	0·205
	1919	3·46	1·15	0·150
	*1920	4·57	1·52	0·180
Buffalo	1917	5·00	1·67	0·196
	1918	4·11	1·37	0·158
	1919	3·73	1·24	0·143
	1920	5·70	1·90	0·223

*Port Colborne only.—Port Colborne seulement.

Tableau XVI—Statement of Traffic through Canals at Sault Ste. Marie, Canadian and American, during 1920

Tableau XVI—Relevé du trafic par les canaux du Sault Ste-Marie, canadien et américain, en 1920

Commodities — Nomenclature	Up — En montant			Down — En descendant			Grand Total	Increase — Augmentation	Decrease — Diminution
	Canadian Canal — Canal canadien	American Canal — Canal américain	Total	Canadian Canal — Canal canadien	American Canal — Canal américain	Total			
	Number — Nombre	Number — Nombre	Number — Nombre	Number — Nombre	Number — Nombre	Number — Nombre	Number — Nombre	Number — Nombre	Number — Nombre
Vessel Passages—Navires en circulation	–	–	–	–	–	–	18,848	1,262	–
Registered Tonnage—Tonnage enregistré	–	–	–	–	–	–	58,196,498	8,103,777	–
Passengers—Passagers	22,479	11,966	34,445	20,976	13,033	34,009	68,454	11,519	–
	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes	Tons — Tonnes
Lumber—Bois de construction	1,342	–	1,342	4,144	209,611	213,755	215,097	–	181,667
Flour—Farine	119	–	119	245,976	501,342	747,318	747,437	–	61,546
Wheat—Blé	–	–	–	505,772	3,794,848	4,300,620	4,300,620	888,579	–
Grain, other than wheat—Grain, autre que le blé	5,266	–	5,266	286,474	815,229	1,101,703	1,106,969	–	6,049
Copper—Cuivre	–	–	–	6,576	41,203	47,779	47,779	–	10,630
Iron Ore—Minerai de fer	–	137,819	137,819	858,183	55,784,496	56,642,679	56,780,498	9,864,780	–
Pig Iron—Fer en gueuse	4,221	–	4,221	557	–	557	4,778	–	7,851
Mfgd. Iron and Steel—Fer et acier ouvrés	16,616	59,923	76,539	10	–	10	76,549	–	28,935
Coal-Soft—Houille bitumineuse	192,466	11,904,296	12,096,762	125	–	125	12,096,887	634,575	–
Coal-hard—Houille anthracite	14,200	2,042,766	2,056,966	–	–	–	2,056,966	–	353,823
Salt—Sel	10,221	89,149	99,370	–	–	–	99,370	5,977	–
Oil—Huile	2,403	353,488	355,891	–	–	–	355,891	–	33,275
Stone—Pierre	400	492,727	493,127	31,917	35,182	67,099	560,226	187,786	–
Merchandise and Miscellaneous—Marchandises diverses	228,095	262,540	490,635	62,735	277,193	339,928	830,563	146,041	–
Total Freight—Total du fret	475,349	15,342,708	15,818,057	2,002,469	61,459,104	63,461,573	79,279,630	11,043,962	–

Table XVII—Statement of Traffic on the SAULT STE MARIE. Canal during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	2,882	1,195,924	732,083	125,211	158,127	–	–	97,738	32,803
Canadian Vessels—Sail	357	37,390	35,360	–	–	236	–	164	739
United States Vessels—Steam	666	4,923	561	32,800	48,121	2,132,350	424,892	49,974	7,162
United States Vessels—Sail	105	12,550	10,789	–	541	–	–	768	–
Total	4,010	1,250,787	778,793	158,011	206,789	2,132,586	424,892	148,644	40,704
Passengers	43,455	21,910	20,762	532	13	9	201	28	–
Agricultural Products—									
Barley	–	–	77,545	–	–	–	5,181	–	–
Buckwheat	–	–	–	–	–	–	–	–	–
Corn	–	–	–	–	–	–	–	–	–
Oats	–	3	114,880	–	2,520	–	–	–	–
Rye	–	–	22,070	–	–	–	27,210	–	22,447
Flax	–	–	12,121	–	1,030	5,263	1,470	–	–
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	–	355,096	–	85,624	–	43,297	–	21,755
Flour	–	119	186,177	–	–	–	59,799	–	–
Hay	–	34	2	–	–	–	–	–	–
Other Mill Products	–	–	1,897	–	–	–	–	–	–
Fruits and Vegetables	–	392	–	–	–	–	–	–	–
Potatoes	–	–	–	–	–	–	–	–	–
Total	–	548	769,788	–	89,174	5,263	136,957	–	44,202
Animal Products—									
Live Stock	–	1	–	–	–	–	–	–	–
Poultry, Game and Fish	–	–	176	–	–	–	–	–	–
Dressed Meats	–	2	–	–	–	–	–	–	–
Other Packing House Products	–	1,416	–	–	–	–	–	–	–
Hides and Leather	–	–	–	–	–	–	–	–	–
Wool	–	–	–	–	–	–	43	–	–
Animal Products, All other	–	–	–	–	–	–	–	–	–
Total	–	1,417	176	–	–	–	43	–	–
Grand Total	–	1,965	769,964	–	89,174	5,263	137,000	–	44,202
Manufactures—									
Agricultural Implements	–	2,005	–	–	–	–	–	–	–
Cement, Bricks, Lime	–	–	–	–	–	–	–	–	–
Household Goods and Furniture	–	–	1	–	–	–	–	–	–
Iron—Pig and Bloom	–	4,221	557	–	–	–	–	–	–
Iron and Steel, All other	–	11,056	10	–	–	2,880	–	2,680	–
Petroleum and Other Oils	–	2,403	–	–	–	–	–	–	–
Sugar	–	5,085	–	–	–	–	–	–	–
Salt	–	10,221	–	–	–	–	–	–	–
Wines, Liquors and Beers	–	536	–	–	–	–	–	–	–
Merchandise—Not enumerated	–	194,188	7,162	–	25	15,978	1,739	6,160	3,272
Total	–	229,715	7,730	–	25	18,858	1,739	8,840	3,272
Products of Forests—									
Pulpwood	–	–	40,918	–	–	–	7,500	–	–
Sawed Lumber	–	1,322	128	–	–	–	1,920	–	1,670
Square Timber	–	10	16	–	–	–	–	–	–
Shingles	–	–	–	–	–	–	380	–	–
Other Woods	–	10	30	–	–	–	–	–	–
Total	–	1,342	41,092	–	–	–	9,800	–	1,670
Products of Mine									
Hard Coal	–	–	–	–	–	–	–	14,200	–
Soft Coal	–	4,742	125	–	–	30,500	–	157,224	–
Coke	–	–	–	–	–	–	–	2,300	–
Copper Ore	–	–	–	–	–	–	5,826	–	750
Iron Ore	–	–	–	–	113,656	–	708,331	–	36,196
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	400	31,917	–	–	–	–	–	–
Total	–	5,142	32,042	–	113,656	30,500	714,157	173,724	36,946
Grand Total	–	238,164	850,828	–	202,855	54,621	862,696	182,564	86,090

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Tableau XVII—Relevé du trafic sur le canal SAULT STE-MARIE en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
1,418,873	923,013	2,341,886	–	400,078	2,341,886	–	Navires candiens, à vapeur.
37,790	36,099	73,889	–	1,243	73,889	–	Navires canadiens, à voiles.
2,220,047	480,736	2,700,783	–	959,325	–	2,700,783	Navires des Etats-Unis, à vapeur.
13,318	11,330	24,648	13,122	–	–	24,648	Navires des Etats-Unis, à voiles.
3,690,028	1,451,178	5,141,206	–	1,347,524	2,415,775	2,725,431	Total.
22,479	20,976	43,455	2,356	–	–	–	Passengers.
							Produits agricoles—
–	82,726	82,726	–	119,035	77,545	5,181	Orge.
–	–	–	–	–	–		Sarrasin.
–	–	–	–	–	–	–	Mais.
3	117,400	117,403	–	75,737	117,403	–	Avoine.
–	71,727	71,727	–	7,542	22,070	49,657	Seigle.
5,263	14,621	19,884	158	–	13,151	6,733	Lin.
–	–	–	–	15	–	–	Pois.
–	505,772	505,772	–	253,196	440,720	65,052	Blé.
119	245,976	246,095	–	73,910	186,296	59,799	Farine.
34	2	36	–	55	36	–	Foin.
–	1,897	1,897	–	5,666	1,897	–	Autres produits de meunerie.
392	–	392	–	640	392	–	Fruits et légumes.
–	–	–	–	6	–	–	Pommes de terre.
5,811	1,040,121	1,045,932	–	535,644	859,510	186,422	Total.
							Produits des animaux—
1	–	1	–	13	1	–	Animaux vivants.
–	176	176	86	–	176	–	Volaille, gibier et poisson.
–	–	–	–	–	–	–	Viande abattue.
1,416	–	1,416	688	–	1,416	–	Autres produits des fabricants de conserves.
–	–	–	–	157	–	–	Peaux et cuir.
–	43	43	–	644	–	43	Laine.
–	–	–	–	136	–	–	Tous autres produits des animaux.
1,417	219	1,636	–	176	1,593	43	Total.
7,228	1,040,340	1,047,568	–	535,820	861,103	186,465	Grand total.
							Manufactures—
2,005	–	2,005	1,115	–	2,005	–	Instruments aratoires.
–	–	–	–	3,746	–	–	Ciment, briques, chaux.
–	1	1	–	49	1	–	Meubles et objets mobiliers.
4,221	557	4,778	–	4,893	4,778	–	Fer en gueuse et en saumon.
16,616	10	16,626	–	20,873	9,931	6,695	Tous autres fer et acier.
2,403	–	2,403	–	2,340	2,403	–	Pétrole et autres huiles.
5,085	–	5,085	–	2,399	5,085	–	Sucre.
10,221	–	10,221	–	3,930	10,221	–	Sel.
536	–	536	317	–	536	–	Vins, liqueurs et bières.
216,326	12,198	228,524	3,360	–	201,441	27,083	Marchandise non énumérées.
257,413	12,766	270,179	–	33,438	236,601	33,778	Total.
							Produits forestiers—
–	48,418	48,418	27,249	–	40,918	7,500	Bois à pulpe.
1,322	37,18	5,040	–	1,545	1,450	3,590	Bois de construction scié.
10	16	26	26	–	26	–	Bois equarri.
–	380	380	–	856	–	380	Bardeaux.
10	30	40	–	8	40	–	Autre bois.
1,342	52,562	53,904	24,866	–	42,434	11,470	Total.
							Produits miniers—
14,200	–	14,200	8,500	–	–	14,200	Houille anthracite
192,466	125	192,591	–	83,082	340	192,251	Houille bitumineuse.
2,300	–	2,300	–	1,900	–	2,300	Coke.
–	6,576	6,576	–	4,225		6,576	Minerai de cuivre.
–	858,183	858,183	–	1,032,431	113,656	744,527	Minerai de fer.
–	–	–	–	7,064	–	–	Autres minerais.
400	31,917	32,317	4,327	–	32,317	–	Sable, etc.
209,366	896,801	1,106,167	–	1,115,875	146,313	959,854	Total.
475,349	2,002,469	2,477,818	–	1,660,267	1,286,251	1,191,567	Grand total.

Table XVIII—Statement of Traffic on the WELLAND canal during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	2,009	234,765	253,447	584,253	10,094	23,982	3,045	4,662	641,685
Canadian Vessels—Sail	421	45,512	48,325	82,756	–	–	2,550	578	78,163
United States Vessels—Steam	610	12,391	11,471	120,260	43	25,964	14,881	1,266	260,154
United States Vessels—Sail	84	–	1,171	29,615	994	3,550	626	–	32,053
Total	3,124	292,668	314,414	816,884	11,131	53,496	21,102	6,506	1,012,055
Passengers	–	–	–	–	–	–	–	–	–
Agricultural Products—									
Barley	–	–	45,887	–	–	–	–	–	–
Buckwheat	–	–	–	–	–	–	–	–	–
Corn	–	–	3,493	–	–	–	1,750	–	5,364
Oats	–	–	17,252	–	–	–	–	–	–
Rye	–	–	1,512	–	–	–	–	–	2,982
Flax	–	–	1,936	–	–	–	–	–	616
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	–	339,642	–	–	–	–	–	16,905
Flour	–	–	–	–	–	–	–	–	1,050
Hay	–	–	–	–	–	–	–	–	–
Other mill products	–	–	–	–	–	–	–	–	–
Fruits and Vegetables	–	–	–	–	–	–	–	–	–
Potatoes	–	–	–	–	–	–	–	–	–
Total	–	–	409,722	–	–	–	1,750	–	26,917
Animal Products—									
Live Stock	–	–	–	–	–	–	–	–	–
Poultry, Game and Fish	–	–	–	–	–	–	–	–	–
Dressed Meats	–	–	–	–	–	–	–	–	–
Other Packing House Products	–	–	–	–	–	–	–	–	–
Hides and Leather	–	10	–	–	–	–	–	–	–
Wool	–	–	–	–	–	–	–	–	–
Animal Products, all other	–	–	–	–	–	–	–	–	–
Total	–	10	–	–	–	–	–	–	–
Grand Total	–	10	409,722	–	–	–	1,750	–	26,917
Manufactures—									
Agricultural Implements	–	3,050	–	–	–	–	–	–	–
Cement, Bricks, Lime	–	–	–	16,748	–	–	–	–	13,652
Household Goods and Furniture	–	–	–	–	–	–	–	–	–
Iron—Pig and Bloom	–	1,685	–	–	–	–	–	–	2,010
Iron and Steel, All Other	–	5,085	–	–	–	–	–	–	–
Petroleum and Other Oils	–	1,100	44,093	–	–	–	–	–	62,012
Sugar	–	1,830	–	1,556	–	–	–	–	–
Salt	–	–	–	–	–	–	–	–	–
Wines, Liquors and Beers	–	270	–	–	–	–	–	–	–
Merchandise—Not enumerated	–	44,954	496	–	–	–	1,167	–	5,506
Total	–	57,974	44,589	18,304	–	–	1,167	–	83,180
Products of Forests—									
Pulpwood	–	43,932	42,903	79,343	–	–	–	–	–
Sawed Lumber	–	–	–	–	–	–	–	–	3,975
Square Timber	–	–	–	–	–	–	–	–	–
Shingles	–	–	–	–	–	–	–	–	–
Other Woods	–	–	–	–	–	–	–	–	–
Total	–	43,932	42,903	79,343	–	–	–	–	3,975
Products of Mine—									
Hard Coal	–	–	–	–	–	–	–	–	–
Soft Coal	–	–	–	–	–	–	5,275	–	1,378,086
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	750
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	–	34,890	–	–	950	–	–	42,355
Total	–	–	34,890	–	–	950	5,275	–	1,421,191
Grand Total	3,124	101,916	532,104	97,647	–	950	8,192	–	1,535,263

NOTE.—The above statement includes 251,092 tons of way freight, distributed as follows: cement, 13,652 tons, petroleum 800 tons, pulpwood 84,060 tons, soft coal 75,335 tons, sand and stone, 77,245 tons.

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Tableau XVIII—Relevé du trafic sur le canal WELLAND en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
847,662	908,271	1,755,933	35,741	–	1,755,933	–	Navires cnaadiens, à vapeur.
128,846	129,038	257,884	53,657	–	257,884	–	Navires canadiens, à voiles.
159,881	286,549	446,430	–	237,958	–	446,430	Navires des Etats-Unis, à vapeur.
33,165	34,844	68,009	60,802	–	–	68,009	Navires des Etats-Unis, à voiles.
1,169,554	1,358,702	2,528,256	–	87,758	2,013,817	514,439	Total.
–	–	–	–	–	–	–	Passagers.
							Produits agricoles—
–	45,887	45,887	–	89,144	45,887	–	Orge.
–	–	–	–	–	–	–	Sarrasin.
–	10,607	10,607	–	16,118	–	10,607	Maïs.
–	17,252	17,252	–	29,496	17,252	–	Avoine.
–	4,494	4,494	1,286	–	3,262	1,232	Seigle.
–	2,552	2,552	732	–	1,936	616	Lin.
–	–	–	–	–	–	–	Pois.
–	356,547	356,547	–	190,876	325,767	30,780	Blé.
–	1,050	1,050	–	16,444	–	1,050	Farine.
–	–	–	–	–	–	–	Foin.
–	–	–	–	–	–	–	Autres produits de meunerie.
–	–	–	–	–	–	–	Fruits et légumes.
–	–	–	–	–	–	–	Pommes de terre.
–	438,389	438,389	–	340,060	334,104	44,285	Total.
							Produits des animaux—
–	–	–	–	–	–	–	Animaux vivants.
–	–	–	–	–	–	–	Volaille, gibier et poisson.
–	–	–	–	895	–	–	Viande abattue.
–	–	–	–	–	–	–	Autres produits des fabricants de conserves.
10	–	10	10	–	10	–	Peaux et cuir.
–	–	–	–	–	–	–	Laine.
–	–	–	–	–	–	–	Tous autres produits des animaux.
10	–	10	–	885	10	–	Total.
10	438,389	438,399	–	340,945	394,114	44,285	Grand Total
							Manufactures—
3,050	–	3,050	–	4,795	3,050	–	Instruments aratoires.
*16,748	13,652	30,400	30,400	–	16,748	13,652	Ciment, briques, chaux.
–	–	–	–	–	–	–	Meubles et objets mobiliers.
1,685	2,010	3,695	–	5,581	1,685	2,010	Fer en gueuse et en saumon.
5,085	–	5,085	–	15,353	5,085	–	Tous autres fer et acier.
1,100	106,105	107,205	–	40,244	46,842	60,363	Pétrole et autres huiles.
3,386	–	3,386	3,386	–	3,386	–	Sucre.
–	–	–	–	–	–	–	Sel.
270	–	270	240	–	270	–	Vins, liqueurs et bières.
44,954	7,169	52,123	–	1,646	45,204	6,919	Marchandises non énumérées.
76,278	128,936	205,214	–	33,593	122,270	82,944	Total.
							Produits forestiers—
123,275	42,903	166,178	79,681	–	166,178	–	Bois à pulpe.
–	3,975	3,975	–	1,210	–	3,975	Bois de construction scié.
–	–	–	–	–	–	–	Bois équarri.
–	–	–	–	–	–	–	Bardeaux.
–	–	–	–	–	–	–	Autres bois.
123,275	46,878	170,153	78,471	–	166,178	3,975	Total.
							Produits miniers—
–	–	–	–	1,480	–	–	Houille anthracite.
–	1,383,361	1,383,361	398,595	–	–	1,383,361	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	750	750	750	–	–	–	Minerai de cuivre.
–	–	–	–	–	–	750	Minerai de fer.
–	–	–	–	10,870	–	–	Autres minerais.
950	77,245	78,195	14,365	–	34,89	43,305	Sable, etc.
950	1,461,356	1,462,306	401,360	–	34,890	1,427,416	Total.
200,513	2,075,559	2,276,072	105,293	–	717,452	1,558,620	Grand Total.

NOTA.—Le relevé ci-dessus comprend 251,092 tonnes de fret transbordé ainsi divisé:13,652 tonnes de ciment, 800 tonne de pétrole, 84,060 tonnes de bois de pulpe, 75,335 tonnes de charbon mou, et 77,245 tonnes de sable et de pierre.

Table XIX—Statement of Through and Way Traffic on the ST. LAWRENCE Canals during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	3,774	479,116	472,924	720,642	–	5,294	987	–	740,112
Canadian Vessels—Sail	2,371	245,923	246,629	162,964	2,102	918	–	1,859	153,559
United States Vessels—Steam	545	1,343	7,997	141,943	1,042	2,076	6,350	155	250,583
United States Vessels—Sail	268	7,856	2,135	348	10,782	1,300	–	8,144	196
Total	6,958	734,238	729,685	1,025,897	13,926	9,588	7,337	10,158	1,144,450
Passengers	–	17,904	42,640	1,066	–	–	–	–	787
Agricultural Products—									
Barley	–	–	45,756	–	–	–	–	–	–
Buckwheat	–	2	1	–	–	–	–	–	–
Corn	–	23	8,510	–	–	–	–	–	–
Oats	–	100	19,790	–	–	–	–	–	–
Rye	–	–	1,512	–	–	–	–	–	1,232
Flax	–	641	1,936	–	–	–	–	2,134	616
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	13,315	358,415	–	–	–	–	–	13,110
Flour	–	1,009	419	–	–	–	–	–	1,050
Hay	–	7,793	1,056	–	–	–	–	–	–
Otjer Mill Products	–	186	671	–	–	–	–	–	–
Fruits and Vegetables	–	283	319	–	–	–	–	–	–
Potatoes	–	61	445	–	–	–	–	–	–
Total	–	23,413	438,830	–	–	–	–	2,134	16,008
Animal Products—									
Live Stock	–	39	348	–	–	–	–	–	–
Poultry, Game and Fish	–	6	28	100	–	–	–	–	–
Dressed Meats	–	2	2	–	–	–	–	–	–
Other Packing House Products	–	130	65	–	–	–	–	–	–
Hides and Leather	–	10	9	–	–	–	–	–	–
Wool	–	5	–	–	–	–	–	–	–
Animal Products, All other	–	899	2,160	–	–	–	–	–	–
Total	–	1,091	2,612	100	–	–	–	–	–
Grand Total	–	24,504	441,442	100	–	–	–	2,134	16,008
Manufactures—									
Agricultural Implements	–	110	129	–	–	–	–	–	–
Cement, Bricks, Lime	–	461	227	16,748	–	–	–	537	–
Household Goods and Furniture	–	857	2,050	–	–	–	–	–	2
Iron—Pig and Bloom	–	1,936	467	–	–	–	–	–	1,103
Iron and Steel, All Other	–	4,605	2,815	–	900	–	–	–	40,436
Petroleum and Other Oils	–	8,329	12,898	200	–	–	–	–	–
Sugar	–	6,999	137	656	–	–	–	–	–
Salt	–	1,069	43	–	–	–	–	–	–
Wines, Liquors and Beers	–	1,757	225	–	–	–	–	–	–
Merchandise—Not enumerated	–	45,132	42,414	100	–	–	996	8,490	5,029
Total	–	71,255	61,405	17,704	900	–	996	9,027	46,570
Products of Forests—									
Pulpwood	–	46,347	–	362,128	–	–	–	–	–
Sawed Lumber	–	16,004	65,326	–	31,336	–	–	–	3,975
Square Timber	–	177	895	–	779	–	–	–	–
Shingles	–	–	–	–	–	–	–	–	–
Other Woods	–	15	3,859	–	265	–	–	–	–
Total	–	62,543	70,080	362,128	32,380	–	–	–	3,975
Products of Mine—									
Hard Coal	–	300	2,459	–	–	–	–	591	267,638
Soft Coal	–	11,591	2,279	–	–	–	–	–	1,402,571
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	750
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	45,033	109,005	–	–	–	–	1,844	750
Total	–	56,924	113,743	–	–	–	–	2,435	1,671,709
Grand Total	6,958	215,226	686,670	379,932	33,280	–	996	13,596	1,738,262

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Tableau XIX—Relevé du trafic direct et transbordé sur les canaux du ST-LAURENT en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
1,205,052	1,214,023	2,419,075	–	34,301	2,419,075	–	Navires canadiens, à vapeur.
411,664	402,290	813,954	159,557	–	813,954	–	Navires canadiens, à voiles.
145,517	265,972	411,489	–	334,988	–	411,489	Navires des Etats-Unis, à vapeur.
17,648	13,113	30,761	8,066	–	–	30,761	Navires des Etats-Unis, à voiles.
1,779,881	1,895,398	3,675,279	–	201,666	3,233,029	442,250	Total.
18,970	43,427	62,397	–	9,609	–	–	Passagers.
							Produits agricoles—
–	45,756	45,756	–	84,812	45,756	–	Orge.
2	1	3	3	–	3	–	Sarrasin.
23	8,510	8,533	–	16,686	32	8,501	Maïs.
100	19,790	19,890	–	29,073	19,890	–	Avoine.
–	2,744	2,744	411	–	1,512	1,232	Seigle.
2,775	2,552	5,327	3,871	–	1,936	3,391	Lin.
–	–	–	–	5	–	–	Pois.
13,315	371,525	384,840	–	168,035	355,860	28,980	Blé.
1,009	1,469	2,478	–	19,524	1,428	1,050	Farine.
7,793	1,056	8,849	2,275	–	8,849	–	Foin.
186	671	857	–	737	857	–	Autres produits de meunerie.
283	319	602	–	36	602	–	Fruits et légumes.
61	445	506	170	–	506	–	Pommes de terre.
25,547	454,838	480,385	–	312,178	437,231	43,154	Total.
							Produits des animaux—
39	348	387	–	12	387	–	Animaux vivants.
106	28	134	107	–	134	–	Volaille, gibier et poisson.
2	2	4	–	944	4	–	Viande abattue.
130	65	195	–	119	195	–	Autres produits des fabricants de conserves.
10	9	19	–	24	19	–	Peaux et cuir.
5	–	5	–	–	5	–	Laine.
899	2,160	3,059	–	449	3,059	–	Tous autres produits des animaux.
1,191	2,612	3,803	–	1,441	3,803	–	Total.
26,738	457,450	484,188	–	313,619	441,034	43,154	Grand total.
							Manufactures—
110	129	239	113	–	239	–	Instruments aratoires.
17,746	227	17,973	14,542	–	17,436	537	Ciment, briques, chaux.
857	2,052	2,909	633	–	2,907	2	Meubles et objets mobiliers.
1,936	1,570	3,506	–	7,706	2,403	1,103	Fer en gueuse et en saumon.
4,605	3,715	8,320	–	927	8,320	–	Tous autres fer et acier.
8,529	53,334	61,863	–	40,852	21,427	40,436	Pétrole et autres huiles.
7,655	137	7,792	–	4,902	7,792	–	Sucre.
1,069	43	1,112	–	7	1,112	–	Sel.
1,757	225	1,982	–	507	1,982	–	Vins, liqueurs et bières.
53,722	48,439	102,161	15,567	–	88,745	13,416	Marchandises non énumérées.
97,986	109,871	207,857	–	24,046	152,363	55,494	Total.
							Produits forestiers—
408,475	–	408,475	91,540	–	408,475	–	Bois à pulpe.
16,004	100,637	116,641	–	11,937	112,666	3,975	Bois de construction scié.
177	1,674	1,851	1,551	–	1,851	–	Bois équarri.
15	4,124	4,139	–	90	4,139	–	Bardeaux.
–	–	–	345	–	–	–	Autres bois.
424,671	106,435	531,106	81,409	–	527,131	3,975	Total.
							Produits miniers—
891	270,097	270,988	–	21,219	438	270,550	Houille anthracite.
11,591	1,404,850	1,416,441	393,084	–	10,816	1,405,625	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	750	750	750	–	–	750	Minerai de cuivre.
–	–	–	–	–	–	–	Minerai de fer.
–	–	–	–	–	–	–	Autres minerais.
46,877	109,755	156,632	59,984	–	153,490	3,142	Sable, etc.
59,359	1,785,452	1,844,811	432,599	–	164,744	1,680,067	Total.
608,754	2,459,208	3,067,962	176,343	–	1,285,272	1,782,690	Grand total.

Table XX—Statement of Through Traffic on the ST. LAWRENCE Canals during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	2,550	356,506	360,317	712,171	–	1,527	987	–	735,294
Canadian Vessels—Sail	602	39,543	45,894	157,983	–	918	–	–	152,019
United States Vessels—Steam	499	102	5,783	139,646	1,042	935	6,288	125	248,479
United States Vessels—Sail	–	–	–	–	–	–	–	–	–
Total	3,651	396,151	411,994	1,009,800	1,042	3,380	7,275	125	1,135,792
Passengers	–	10,833	36,158	–	–	–	–	–	–
Agricultural Products—									
Barley	–	–	45,753	–	–	–	–	–	–
Buckwheat	–	–	–	–	–	–	–	–	–
Corn	–	–	2,345	–	–	–	–	–	–
Oats	–	–	19,002	–	–	–	–	–	–
Rye	–	–	1,512	–	–	–	–	–	1,232
Flax	–	–	1,936	–	–	–	–	–	616
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	–	340,106	–	–	–	–	–	13,110
Flour	–	–	–	–	–	–	–	–	1,050
Hay	–	–	–	–	–	–	–	–	–
Other Mill Products	–	–	–	–	–	–	–	–	–
Fruits and Vegetables	–	27	28	–	–	–	–	–	–
Potatoes	–	27	26	–	–	–	–	–	–
Total	–	54	410,708	–	–	–	–	–	16,008
Animal Products—									
Live Stock	–	–	–	–	–	–	–	–	–
Poultry, Game and Fish	–	–	–	–	–	–	–	–	–
Dressed Meats	–	–	–	–	–	–	–	–	–
Other Packing House Products	–	–	–	–	–	–	–	–	–
Hides and Leather	–	10	–	–	–	–	–	–	–
Wool	–	–	–	–	–	–	–	–	–
Animal Products, All other	–	77	78	–	–	–	–	–	–
Total	–	87	78	–	–	–	–	–	–
Grand Total	–	141	410,786	–	–	–	–	–	16,008
Manufactures—									
Agricultural Implements	–	–	100	–	–	–	–	–	–
Cement, Bricks, Lime	–	1	–	16,748	–	–	–	–	–
Household Goods and Furniture	–	538	1,805	–	–	–	–	–	2
Iron—Pig and Bloom	–	1,541	14	–	–	–	–	–	1,103
Iron and Steel, All other	–	1,872	783	–	900	–	–	–	–
Petroleum and Other Oils	–	4,227	10,758	200	–	–	–	–	40,436
Sugar	–	6,671	22	656	–	–	–	–	–
Salt	–	10	13	–	–	–	–	–	–
Wines, Liquors and Beers	–	275	65	–	–	–	–	–	–
Merchandise—Not enumerated	–	38,464	36,713	100	–	–	996	–	5,029
Total	–	53,599	50,273	17,704	900	–	996	–	46,570
Products of Forests—									
Pulpwood	–	46,257	–	362,128	–	–	–	–	–
Sawed Lumber	–	–	–	–	–	–	–	–	3,975
Square Timber	–	–	–	–	–	–	–	–	–
Shingles	–	–	–	–	–	–	–	–	–
Other Woods	–	–	–	–	–	–	–	–	–
Total	–	46,257	–	362,128	–	–	–	–	3,975
Products of Mine—									
Hard Coal	–	–	2,151	–	–	–	–	–	254,439
Soft Coal	–	–	980	–	–	–	–	–	1,398,596
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	750
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	–	–	–	–	–	–	–	750
Total	–	–	3,131	–	–	–	–	–	1,654,535
Grand Total	3,651	99,997	464,190	379,832	900	–	996	–	1,721,088

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Tableau XX—Relevé du trafic direct sur les canaux du ST-LAURENT en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
1,070,204	1,096,598	2,166,802	101,557	–	2,166,802	–	Navires canadiens, à vapeur.
198,444	197,913	396,357	81,240	–	396,357	–	Navires canadiens, à voiles.
140,808	261,592	402,400	–	320,224	–	402,400	Navires des Etats-Unis, à vapeur.
–	–	–	–	2,123	–	–	Navires des Etats-Unis, à voiles.
1,409,456	1,556,103	2,965,559	–	139,550	2,563,159	402,400	Total.
10,833	36,158	46,991	9,793	–	46,991	–	Passagers.
							Produits agricoles—
–	45,75	3 45,75	3 –	82,61	3 45,75	3 –	Orge.
–	–	–	–	–	–	–	Sarrasin.
–	2,345	2,345	–	4,565	–	2,345	Maïs.
–	19,002	19,002	–	28,623	19,002	–	Avoine.
–	2,744	2,744	421	–	1,512	1,232	Seigle.
–	2,552	2,552	1,096	–	1,936	616	Lin.
–	–	–	–	–	–	–	Pois.
–	353,216	353,216	–	187,482	324,236	28,980	Blé.
–	1,050	1,050	–	16,808	–	1,050	Farine.
–	–	–	–	275	–	–	Foin.
–	–	–	–	10	–	–	Autres produits de meunerie.
27	28	55	2	–	55	–	Fruits et légumes.
27	26	53	–	6	53	–	Pommes de terre.
54	426,716	426,770	–	318,868	392,547	34,223	Total.
							Produits des animaux—
–	–	–	–	–	–	–	Animaux vivants.
–	–	–	–	–	–	–	Volaille, gibier et poisson.
–	–	–	–	900	–	–	Viande abattue.
–	–	–	–	1	–	–	Autres produits des fabricants de conserves.
10	–	10	10	–	10	–	Peaux et cuir.
–	–	–	–	–	–	–	Laine.
77	78	155	10	–	155	–	Tous autres produits des animaux.
87	78	165	–	881	165	–	Total.
141	426,794	426,935	–	319,744	392,712	34,223	Grand total.
							Manufactures—
–	100	100	100	–	100	–	Instruments aratoires.
16,749	–	16,749	16,738	–	16,749	–	Ciment, briques, chaux.
538	1,807	2,345	558	–	2,343	2	Meubles et objets mobiliers.
1,541	1,117	2,658	909	–	1,555	1,103	Fer en gueuse et en saumon.
1,872	1,683	3,555	–	158	3,555	–	Tous autres fer et acier
4,427	51,194	55,621	–	30,415	15,185	40,436	Pétrole et autres huiles.
7,327	22	7,349	–	3,880	7,349	–	Sucre.
10	13	23	–	81	23	–	Sel.
275	65	340	–	280	340	–	Vins. liqueurs et bières.
38,564	42,738	81,302	7,333	–	74,783	6,519	Marchandise non énumérées.
71,303	98,739	170,042	–	9,176	121,982	48,060	Total.
							Produits forestiers—
–	–	–	122,046	–	–	–	Bois à pulpe.
408,385	–	408,385	55	–	408,385	–	Bois de construction scié.
–	3,975	3,975	–	–	–	3,975	Bois équarri.
–	–	–	–	–	–	–	Bardeaux.
–	–	–	–	–	–	–	Autres bois.
408,385	3,975	412,360	122,101	–	408,385	3,975	Total.
							Produits miniers—
–	256,590	256,590	–	23,221	–	256,590	Houille anthracite.
–	1,399,576	1,399,576	406,255	–	50	1,399,526	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	750	750	750	–	–	750	Minerai de cuivre.
–	–	–	–	–	–	–	Minerai de fer.
–	–	–	–	–	–	–	Autres minerais.
–	750	750	750	–	–	750	Sable, etc.
–	1,657,666	1,657,666	384,534	–	50	1,657,616	Total.
479,829	2,187,174	2,667,003	177,715	–	923,129	1,743,874	Grand total.

Table XXI—Statement of Way Traffic on the ST. LAWRENCE Canals during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	1,224	122,610	112,607	8,471	–	3,767	–	–	4,818
Canadian Vessels—Sail	1,769	206,380	200,735	4,981	2,102	–	–	1,859	1,540
United States Vessels—Steam	46	1,241	2,214	2,297	–	1,141	62	30	2,104
United States Vessels—Sail	268	7,856	2,135	348	10,782	1,300	–	8,144	196
Total	3,307	338,087	317,691	16,097	12,884	6,208	62	10,033	8,658
Passengers	–	7,071	6,482	1,066	–	–	–	–	787
Agricultural Products—									
Barley	–	–	3	–	–	–	–	–	–
Buckwheat	–	2	1	–	–	–	–	–	–
Corn	–	23	6,165	–	–	–	–	–	–
Oats	–	100	788	–	–	–	–	–	–
Rye	–	–	–	–	–	–	–	–	–
Flax	–	641	–	–	–	–	–	2,134	–
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	13,315	18,309	–	–	–	–	–	–
Flour	–	1,009	419	–	–	–	–	–	–
Hay	–	7,793	1,056	–	–	–	–	–	–
Other Mill Products	–	186	671	–	–	–	–	–	–
Fruits and Vegetables	–	256	291	–	–	–	–	–	–
Potatoes	–	34	419	–	–	–	–	–	–
Total	–	23,359	28,122	–	–	–	–	2,134	–
Animal Products—									
Live Stock	–	39	348	–	–	–	–	–	–
Poultry, Game and Fish	–	6	28	100	–	–	–	–	–
Dressed Meats	–	2	2	–	–	–	–	–	–
Other Packing House Products	–	130	65	–	–	–	–	–	–
Hides and Leather	–	–	9	–	–	–	–	–	–
Wool	–	5	–	–	–	–	–	–	–
Animal Products, All Other	–	822	2,082	–	–	–	–	–	–
Total	–	1,004	2,534	100	–	–	–	–	–
Grand Total	–	24,363	30,656	100	–	–	–	2,134	–
Manufactures—									
Agricultural Implements	–	110	29	–	–	–	–	–	–
Cement, Brick, Lime	–	460	227	–	–	–	–	537	–
Household Goods and Furniture	–	319	245	–	–	–	–	–	–
Iron, Pig and Bloom	–	395	453	–	–	–	–	–	–
Iron and Steel, All Other	–	2,733	2,032	–	–	–	–	–	–
Petroleum and Other Oils	–	4,102	2,140	–	–	–	–	–	–
Sugar	–	328	115	–	–	–	–	–	–
Salt	–	1,059	30	–	–	–	–	–	–
Wines, Liquors and Beers	–	1,482	160	–	–	–	–	–	–
Merchandise—Not enumerated	–	6,668	5,701	–	–	–	–	8,490	–
Total	–	17,656	11,132	–	–	–	–	9,027	–
Products of Forests—									
Pulpwood	–	90	–	–	–	–	–	–	–
Sawed Lumber	–	16,004	65,326	–	31,336	–	–	–	–
Squared Timber	–	177	895	–	779	–	–	–	–
Shingles	–	–	–	–	–	–	–	–	–
Other Woods	–	15	3,859	–	265	–	–	–	–
Total	–	16,286	70,080	–	32,380	–	–	–	–
Products of Mine—									
Hard Coal	–	300	308	–	–	–	–	591	13,199
Soft Coal	–	11,591	1,299	–	–	–	–	–	3,975
Coke	–	–	–	–					–
Copper Ore	–	–	–	–	–	–	–	–	–
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	45,033	109,005	–	–	–	–	1,844	–
Total	–	56,924	110,612	–	–	–	–	2,435	17,174
Grand Total	3,307	115,229	222,480	100	32,380	–	–	13,596	17,174

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Tableau XXI—Relevé du trafic transbordé sur les canaux du ST-LAURENT en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
134,848	117,425	252,273	–	135,858	252,273	–	Navires canadiens, à vapeur.
213,220	204,377	417,597	78,317	–	417,597	–	Navires canadiens, à voiles.
4,709	4,380	9,089	–	14,764	–	9,089	Navires des Etats-Unis, à vapeur.
17,648	13,113	30,761	10,189	–	–	30,761	Navires des Etats-Unis, à voiles.
370,425	339,295	709,720	–	62,116	669,870	39,850	Total.
8,137	7,269	15,406	–	19,402	–	–	Passagers.
							Produits agricoles—
–	3	3	–	2,199	3	–	Orge.
2	1	3	3	–	3	–	Sarrasin.
23	6,165	6,188	–	12,121	32	6,156	Maïs.
100	788	888	–	450	888	–	Avoine.
–	–	–	–	10	–	–	Seigle.
2,775	–	2,775	2,775	–	–	2,775	Lin.
–	–	–	–	5	–	–	Pois.
13,315	18,309	31,624	19,447	–	31,624	–	Blé.
1,009	419	1,428	–	2,716	1,428	–	Farine.
7,793	1,056	8,849	2,550	–	8,849	–	Foin.
186	671	857	–	727	857	–	Autres produits de meunerie.
256	291	547	–	38	547	–	Fruits et légumes.
34	419	453	176	–	453	–	Pommes de terre.
25,493	28,122	53,615	6,685	–	44,684	8,931	Total.
							Produits des animaux—
39	348	387	–	12	387	–	Animaux vivants.
106	28	134	107	–	134	–	Volaille, gibier et poisson.
2	2	4	–	44	4	–	Viande abattue.
130	65	195	–	118	195	–	Autres produits des fabricants de conserves.
–	9	9	–	34	9	–	Peaux et cuir.
5	–	5	–	–	5	–	Laine.
822	2,082	2,904	–	459	2,904	–	Tous autres produits des animaux.
1,104	2,534	3,638	–	560	3,638	–	Total.
26,597	30,656	57,253	6,125	–	48,322	8,931	Grand total.
							Manufactures—
110	29	139	13	–	139	–	Instruments aratoires.
997	227	1,224	–	2,196	687	537	Ciment, briques, chaux.
319	245	564	75	–	564	–	Meubles et objets mobiliers.
395	453	848	–	8,615	848	–	Fer en gueuse et en saumon.
2,733	2,032	4,765	–	769	4,765	–	Tous autres fer et acier.
4,102	2,140	6,242	–	10,437	6,242	–	Pétroles et autres huiles.
328	115	443	–	1,022	443	–	Sucre.
1,059	30	1,089	74	–	1,089	–	Sel.
1,482	160	1,642	–	227	1,642	–	Vins, liqueurs et bières.
15,158	5,701	20,859	8,234	–	13,962	6,897	Marchandises non énumérées.
26,683	11,132	37,815	–	14,870	30,381	7,434	Total.
							Produits forestiers—
90	–	90	–	30,506	90	–	Bois à pulpe.
16,004	96,662	112,666	–	11,992	112,666	–	Bois de construction scié.
177	1,674	1,851	1,551	–	1,851	–	Bois équarri.
–	–	–	–	90	–	–	Bardeaux.
15	4,124	4,139	345	–	4,139	–	Autres bois.
16,286	102,460	118,746	–	40,692	118,746	–	Total.
							Produits miniers—
891	13,507	14,398	2,002	–	438	13,960	Houille anthracite.
11,591	5,274	16,865	–	13,171	10,766	6,099	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	–	–	–	–	–	–	Minerai de cuivre.
–	–	–	–	–	–	–	Minerai de fer.
–	–	–	–	–	–	–	Autre minerai.
46,877	109,005	155,882	59,234	–	153,490	2,392	Sable, etc.
59,359	127,786	187,145	48,065	–	164,694	22,451	Total.
128,925	272,034	400,959	–	1,372	362,143	38,816	Grand total.

Table XXII—Statement of Traffic on the CHAMBLY Canal during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	135	19,407	19,362	–	–	–	–	–	–
Canadian Vessels—Sail	365	7,370	9,829	12,117	–	–	–	–	9,581
United States Vessels—Steam	2	92	–	–	–	–	–	–	–
United States Vessels—Sail	1,293	610	2,151	64,565	–	–	–	–	67,560
Total	1,795	27,479	31,342	76,682	–	–	–	–	77,141
Passengers	–	761	438	–	–	–	–	–	7
Agricultural Products—									
Barley	–	–	–	–	–	–	–	–	–
Buckwheat	–	–	–	–	–	–	–	–	–
Corn	–	61	–	–	–	–	–	–	–
Oats	–	13	481	–	–	–	–	–	–
Rye	–	–	–	–	–	–	–	–	–
Flax	–	–	–	–	–	–	–	–	–
Peas	–	4	10	–	–	–	–	–	–
Wheat	–	13	–	–	–	–	–	–	–
Flour	–	679	5	–	–	–	–	–	–
Hay	–	5	7,848	7,170	–	–	–	–	–
Other Mill Products	–	244	162	–	–	–	–	–	–
Fruits and Vegetables	–	105	1,532	–	–	–	–	–	–
Potatoes	–	6	34	–	–	–	–	–	–
Total	–	1,130	10,072	7,170	–	–	–	–	3,271
Animal Products—									
Live Stock	–	1	283	–	–	–	–	–	–
Poultry, Game and Fish	–	2	26	–	–	–	–	–	–
Dressed Meats	–	1	–	–	–	–	–	–	–
Other Packing House Products	–	6	4	–	–	–	–	–	–
Hides and Leather	–	–	–	–	–	–	–	–	–
Wool	–	–	–	–	–	–	–	–	–
Animal Products, All other	–	–	–	–	–	–	–	–	–
Total	–	10	313	–	–	–	–	–	–
Grand Total	–	1,140	10,385	7,170	–	–	–	–	3,271
Manufactures—									
Agricultural Implements	–	141	–	–	–	–	–	–	–
Cement, Bricks, Lime	–	347	–	164	–	–	–	–	–
Household Goods and Furniture	–	18	3	–	–	–	–	–	2
Iron—Pig and Bloom	–	2	–	–	–	–	–	–	–
Iron and Steel, All Other	–	230	3	–	–	–	–	–	–
Petroleum and Other Oils	–	112	–	–	–	–	–	–	–
Sugar	–	89	–	–	–	–	–	–	–
Salt	–	82	–	–	–	–	–	–	–
Wines, Liquors and Beers	–	15	–	–	–	–	–	–	–
Merchandise—Not enumerated	–	435	797	4	–	–	–	–	16,741
Total	–	1,471	803	168	–	–	–	–	16,743
Products of Forests—									
Pulpwood	–	555	–	101,549	–	–	–	–	–
Sawed Lumber	–	17	–	91,580	–	–	–	–	–
Square Timber	–	–	–	779	–	–	–	–	–
Shingles	–	45	–	–	–	–	–	–	–
Other Woods	–	85	1,262	8,812	–	–	–	–	–
Total	–	702	1,262	202,720	–	–	–	–	–
Products of Mine—									
Hard Coal	–	88	–	–	–	–	–	–	71,813
Soft Coal	–	–	–	–	–	–	–	–	–
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	–
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	65	–	–	–	–	–	–	7,521
Total	–	153	–	–	–	–	–	–	79,334
Grand Total	–	3,466	12,450	210,058	–	–	–	–	99,348

Tableau XXII—Relevé du trafic sur le canal CHAMBLY en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
19,407	19,362	38,769	–	2,446	38,769	–	Navires canadiens, à vapeur..
19,487	19,410	38,897	14,508	–	38,897	–	Navires canadiens, à voiles.
92	–	92	72	–	–	92	Navires des Etats-Unis, à vapeur.
65,175	69,711	134,886	27,301	–	–	134,886	Navires des Etats-Unis, à voiles.
104,161	108,483	212,644	39,435	–	77,666	134,978	Total.
761	445	1,206	–	197	–	–	Passagers.
							Produits agricoles—
–	–	–	–	3	–	–	Orge.
–	–	–	–	–	–	–	Sarrasin.
61	–	61	–	22	61	–	Maïs.
13	481	494	26	–	494	–	Avoine.
–	–	–	–	–	–	–	Seigle.
–	3,271	3,271	3,271	–	–	3,271	Lin.
4	10	14	8	–	14	–	Pois.
13	–	13	10	–	13	–	Blé.
679	5	684	–	12	684	–	Farine.
7,175	7,848	15,023	5,591	–	15,023	–	Foin.
244	162	406	–	92	406	–	Autres produits de meunerie.
105	1,532	1,637	161	–	1,637	–	Fruits et légumes.
6	34	40	5	–	40	–	Pommes de terre.
8,300	13,343	21,643	8,943	–	18,372	3,271	Total.
							Produits des aniamux—
1	283	284	30	–	284	–	Animaux vivants.
2	26	28	2	–	28	–	Volaille, gibier et poisson.
1	–	1	1	–	1	–	Viande abattue.
6	4	10	8	–	10	–	Autres produits des fabricants de conserve
–	–	–	–	–	–	–	Peaux et cuir.
–	–	–	–	–	–	–	Laine.
–	–	–	–	–	–	–	Tous autres produits des aniamux.
10	313	323	8,984	–	323	–	Total.
8,310	13,656	21,966	–	–	18,695	3,271	Grand Total.
							Manufactures—
141	–	141	–	1	141	–	Instruments aratoires.
511	–	511	84	–	511	–	Ciment, briques, chaux.
18	5	23	11	–	21	2	Meubles et objets mobiliers.
2	–	2	2	–	2	–	Fer en gueuse et en saumon.
230	3	233	42	–	233	–	Tous autres fer et acier.
112	–	112	17	–	112	–	Pétrole et autres huiles.
89	–	89	–	1	89	–	Sucre.
82	–	82	–	50	82	–	Sel.
15	–	15	5	–	15	–	Vins, liqueurs et bières.
439	17,538	17,977	13,116	–	3,488	14,489	Marchandises non énumérées.
1,639	17,546	19,185	13,225	–	4,694	14,491	Total.
							Produits forestiers—
102,104	–	102,104	74,697	–	102,104	–	Bois à pulpe.
91,597	–	91,597	9,453	–	91,597	–	Bois de construction scié.
779	–	779	512	–	779	–	Bois équarri.
45	–	45	–	77	45	–	Bardeaux.
8,897	1,262	10,159	–	2,943	9,955	204	Autres bois.
203,422	1,262	204,684	81,642	–	204,480	204	Total.
							Produits miniers—
88	71,813	71,901	–	23,740	88	71,813	Houille anthracite.
–	–	–	–	–	–	–	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	–	–	–	–	–	–	Minerai de cuivre.
–	–	–	–	–	–	–	Minerai de fer.
–	–	–	–	–	–	–	Autres minerais.
65	7,521	7,586	2,250	–	65	7,521	Sable, etc.
153	79,334	79,487	–	21,490	153	79,334	Total.
213,524	111,798	325,322	82,361	–	228,022	97,300	Grand total.

Table XXIII—Statement of Traffic on the ST. PETERS Canal during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	306	15,241	16,149	–	–	–	–	–	–
Canadian Vessels—Sail	888	25,414	26,104	–	–	–	–	–	–
United States Vessels—Steam	8	255	269	–	–	–	–	–	–
United States Vessels—Sail	–	–	–	–	–	–	–	–	–
Total	1,202	40,910	42,622	–	–	–	–	–	–
Passengers	–	763	1,118	–	–	–	–	–	–
Agricultural Products—									
Barley	–	5	–	–	–	–	–	–	–
Buckwheat	–	–	–	–	–	–	–	–	–
Corn	–	–	6	–	–	–	–	–	–
Oats	–	719	41	–	–	–	–	–	–
Rye	–	–	–	–	–	–	–	–	–
Flax	–	–	–	–	–	–	–	–	–
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	–	–	–	–	–	–	–	–
Flour	–	605	525	–	–	–	–	–	–
Hay	–	1,331	24	–	–	–	–	–	–
Other Mill Products	–	75	535	–	–	–	–	–	–
Fruits and Vegetables	–	885	73	–	–	–	–	–	–
Potatoes	–	3,471	2	–	–	–	–	–	–
Total	–	7,091	1,206	–	–	–	–	–	–
Animal Products—									
Live Stock	–	42	–	–	–	–	–	–	–
Poultry, Game and Fish	–	172	1,288	–	–	–	–	–	–
Dressed Meats	–	1	–	–	–	–	–	–	–
Other Packing House Products	–	81	22	–	–	–	–	–	–
Hides and Leather	–	–	1	–	–	–	–	–	–
Wool	–	–	–	–	–	–	–	–	–
Animal Products, All other	–	20	–	–	–	–	–	–	–
Total	–	316	1,311	–	–	–	–	–	–
Grand Total	–	7,407	2,517	–	–	–	–	–	–
Manufactures—									
Agricultural Implements	–	–	–	–	–	–	–	–	–
Cement, Bricks, Lime	–	649	408	–	–	–	–	–	–
Household Goods and Furniture	–	4	8	–	–	–	–	–	–
Iron—Pig and Bloom	–	7	83	–	–	–	–	–	–
Iron and Steel, All other	–	26	475	–	–	–	–	–	–
Petroleum and Other Oils	–	820	156	–	–	–	–	–	–
Sugar	–	1	30	–	–	–	–	–	–
Salt	–	558	50	–	–	–	–	–	–
Wines, Liquors and Beers	–	–	–	–	–	–	–	–	–
Merchandise—Not enumerated	–	2,493	1,264	–	–	–	–	–	–
Total	–	4,558	2,474	–	–	–	–	–	–
Products of Forests—									
Pulpwood	–	–	–	–	–	–	–	–	–
Sawed Lumber	–	410	180	–	–	–	–	–	–
Square Timber	–	70	–	–	–	–	–	–	–
Shingles	–	25	–	–	–	–	–	–	–
Other Woods	–	68	300	–	–	–	–	–	–
Total	–	573	480	–	–	–	–	–	–
Products of Mine—									
Hard Coal	–	103	–	–	–	–	–	–	–
Soft Coal	–	13	41,123	–	–	–	–	–	–
Coke	–	–	160	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	–
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	85	1,325	–	–	–	–	–	–
Sand, etc	–	–	555	–	–	–	–	–	–
Total	–	201	43,163	–	–	–	–	–	–
Grand Total	–	12,739	48,634	–	–	–	–	–	–

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Tableau XXIII—Relevé du trafic sur le canal ST-PIERRE en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
15,241	16,149	31,390	3,408	–	31,390	–	Navires canadiens, à vapeur.
25,414	26,104	51,518	1,088	–	51,518	–	Navires canadiens, à voiles.
255	269	524	–	982	–	524	Navires des Etats-Unis, à vapeur.
–	–	–	–	16	–	–	Navires des Etats-Unis, à voiles.
40,910	42,622	83,432	3,498	–	82,908	524	Total.
763	1,118	1,881	1,559	–	–	–	Passagers.
							Produits agricoles—
5	–	5	3	–	5	–	Orge.
–	–	–	–	3	–	–	Sarrasin.
–	6	6	–	6	6	–	Maïs.
719	41	760	–	761	760	–	Avoine.
–	–	–	–	–	–	–	Seigle.
–	–	–	–	–	–	–	Lin.
–	–	–	–	1	–	–	Pois.
–	–	–	–	–	–	–	Blé.
605	525	1,130	–	1,192	1,130	–	Farine.
1,331	24	1,355	411	–	1,355	–	Foin.
75	535	610	207	–	610	–	Autres produits de meunerie.
885	73	958	48	–	958	–	Fruits et légumes.
3,471	2	3,473	–	403	3,473	–	Pommes de terre.
7,091	1,206	8,297	–	1,696	8,297	–	Total.
							Produits des animaux—
42	–	42	14	–	42	–	Animaux vivants.
172	1,288	1,460	197	–	1,460	–	Volaille, gibier et poisson.
1	–	1	–	15	1	–	Viande abattue.
81	22	103	–	208	103	–	Autres produits des fabricants de conserves.
–	1	1	–	–	1	–	Peaux et cuir.
–	–	–	–	–	–	–	Laine.
20	–	20	–	47	20	–	Tous autres produits des animaux.
316	1,311	1,627	–	59	1,627	–	Total.
7,407	2,517	9,924	–	1,755	9,924	–	Grand total.
							Manufactures—
–	–	–	–	3	–	–	Instruments aratoires.
649	408	1,057	875	–	1,057	–	Ciment, briques, chaux.
4	8	12	–	201	12	–	Meubles et objets mobiliers.
7	83	90	74	–	90	–	Fer en gueuse et en saumon.
26	475	501	354	–	501	–	Tous autres fer et acier.
820	156	976	219	–	976	–	Pétrole et autres huiles.
1	30	31	–	97	31	–	Sucre.
558	50	608	–	212	608	–	Sel.
–	–	–	–	14	–	–	Vins, liqueurs et bières.
2,493	1,264	3,757	–	1,231	3,757	–	Marchandises non énumérées.
4,558	2,474	7,032	–	236	7,032	–	Total.
							Produits forestiers—
–	–	–	–	–	–	–	Bois à pulpe.
410	180	590	–	342	590	–	Bois de construction scié.
70	–	70	60	–	70	–	Bois équarri.
25	–	25	–	113	25	–	Bardeaux
68	300	368	–	108	368	–	Autres bois
573	480	1,053	–	503	1,053	–	Total.
							Produits miners—
103	–	103	–	324	103	–	Houille anthracite.
13	41,123	41,136	404	–	41,136	–	Houille bitumineuse.
–	160	160	159	–	160	–	Coke.
–	–	–	–	–	–	–	Minerai de cuivre.
–	–	–	–	5	–	–	Minerai de fer.
85	1,325	1,410	–	876	1,410	–	Autres minerais.
–	555	555	–	370	555	–	Sable, etc.
201	43,163	43,364	–	1,012	43,364	–	Total.
12,739	48,634	61,373	–	3,506	61,373	–	Grand total.

Table XXIV—Statement of Traffic on the MURRAY Canal during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	504	28,824	28,503	817	160	–	16	366	823
Canadian Vessels—Sail	247	48,829	34,124	–	–	–	–	–	350
United States Vessels—Steam	22	–	–	241	114	27	–	305	57
United States Vessels—Sail	11	34	5	10	10	–	–	9	–
Total	784	77,687	62,632	1,068	284	27	16	680	1,230
Passengers	–	1,382	1,339	311	41	–	–	41	300
Agricultural Products—									
Barley	–	–	–	–	–	–	–	–	–
Buckwheat	–	–	–	–	–	–	–	–	
Corn	–	–	–	–	–	–	–	–	–
Oats	–	–	–	–	–	–	–	–	–
Rye	–	–	–	–	–	–	–	–	–
Flax	–	–	–	–	–	–	–	–	–
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	–	–	–	–	–	–	–	–
Flour	–	–	–	–	–	–	–	–	–
Hay	–	–	–	–	–	–	–	–	–
Other Mill Products	–	–	–	–	–	–	–	–	–
Fruits and Vegetables	–	–	–	–	–	–	–	–	–
Potatoes	–	–	–	–	–	–	–	–	–
Total	–	–	–	–	–	–	–	–	–
Animal Products—									
Live Stock	–	–	–	–	–	–	–	–	–
Poultry, Game and Fish	–	–	–	–	–	–	–	–	–
Dressed Meats	–	–	–	–	–	–	–	–	–
Other Packing House Products	–	–	–	–	–	–	–	–	–
Hides and Leather	–	–	–	–	–	–	–	–	–
Wool	–	–	–	–	–	–	–	–	–
Animal Products, All other	–	–	–	–	–	–	–	–	–
Total	–	–	–	–	–	–	–	–	–
Grand Total	–	–	–	–	–	–	–	–	–
Manufactures—									
Agricultural Implements	–	–	–	–	–	–	–	–	–
Cement, Bricks, Lime	–	1,300	–	–	–	–	–	–	–
Household Goods and Furniture	–	–	–	–	–	–	–	–	–
Iron—Pig and Bloom	–	–	–	–	–	–	–	–	–
Iron and Steel, All other	–	–	50	–	–	–	–	–	250
Petroleum and Other Oils	–	–	–	–	–	–	–	–	–
Sugar	–	–	–	–	–	–	–	–	–
Salt	–	–	–	–	–	–	–	–	–
Wines, Liquors and Beers	–	30	30	–	–	–	–	–	–
Merchandise—Not enumerated	–	4,441	2,414	–	–	–	–	–	–
Total	–	5,771	2,494	–	–	–	–	–	250
Products of Forests—									
Pulpwood	–	–	–	–	–	–	–	–	–
Sawed Lumber	–	–	–	–	–	–	–	–	–
Square Timber	–	–	–	–	–	–	–	–	–
Shingles	–	–	–	–	–	–	–	–	–
Other woods	–	–	–	–	–	–	–	–	–
Total	–	–	–	–	–	–	–	–	–
Products of Mine	–	–	–	–	–	–	–	–	–
Hard Coal	–	–	–	–	–	–	–	1,278	–
Soft Coal	–	–	–	–	–	–	–	–	–
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	–
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	126,442	–	–	–	–	–	–	–
Total	–	126,442	–	–	–	–	–	1,278	–
Grand Total	–	132,213	2,494	–	–	–	–	1,278	250

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Tableau XXIV—Relevé du trafic sur le canal MURRAY en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
30,007	29,502	59,509	–	26,685	59,509	–	Navires canadiens, à vapeur.
48,829	34,474	83,303	16,887	–	83,303	–	Navires canadiens, à voiles.
573	171	744	111	–	–	744	Navires des Etats-Unis, à vapeur.
53	15	68	–	1,733	–	68	Navires des Etats-Unis, à voiles.
79,462	64,162	143,624	–	11,420	142,812	812	Total.
1,734	1,680	3,414	2,315	–	–	–	Passagers.
							Produits agricoles—
–	–	–	–	–	–	–	Orge.
–	–	–	–	–	–	–	Sarrasin.
–	–	–	–	–	–	–	Maïs.
–	–	–	–	–	–	–	Avoine.
–	–	–	–	–	–	–	Seigle.
–	–	–	–	–	–	–	Lin.
–	–	–	–	–	–	–	Pois.
–	–	–	–	–	–	–	Blé.
–	–	–	–	–	–	–	Farine.
–	–	–	–	–	–	–	Foin.
–	–	–	–	–	–	–	Autres produits de meunerie.
–	–	–	–	–	–	–	Fruits et légumes.
–	–	–	–	–	–	–	Pommes de terre.
–	–	–	–	–	–	–	Total.
							Produits des animaux—
–	–	–	–	–	–	–	Animaux vivants.
–	–	–	–	–	–	–	Volaille, gibier et poisson.
–	–	–	–	–	–	–	Viande abattue.
–	–	–	–	–	–	–	Autres produits des fabricants de conserves.
–	–	–	–	–	–	–	Peaux et cuir.
–	–	–	–	–	–	–	Laine.
–	–	–	–	–	–	–	Tous autres produits des animaux.
–	–	–	–	–	–	–	Total.
–	–	–	–	–	–	–	Grand total.
							Manufactures—
–	–	–	–	–	–	–	Instruments aratoires.
1,300	–	1,300	1,300	–	1,300	–	Ciment, briques. chaux.
–	–	–	–	–	–	–	Meubles et objets mobiliers.
–	–	–	–	15	–	–	Fer en gueuse et en saumon.
–	300	300	260	–	50	250	Tous autres fer et acier.
–	–	–	–	–	–	–	Pétrole et autres huiles.
–	–	–	–	–	–	–	Sucre.
–	–	–	–	–	–	–	Sel.
30	30	60	–	134	60	–	Vins, liqueurs et bières.
4,441	2,414	6,855	–	1,043	6,855	–	Marchandises non énumérées.
5,771	2,744	8,515	368	–	8,265	250	Total.
							Produits forestiers—
	–	–	–	–	–	–	Bois à pulpe.
–	–	–	–	–	–	–	Bois de construction scié.
–	–	–	–	–	–	–	Bois équarri.
–	–	–	–	–	–	–	Bardeaux.
–	–	–	–	–	–	–	Autres bois.
–	–	–	–	–	–	–	Total.
							Produits miniers—
1,278	–	1,278	610	–	–	1,278	Houille anthracite.
–	–	–	–	35	–	–	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	–	–	–	–	–	–	Minerai de cuivre.
–	–	–	–	–	–	–	Minerai de fer.
–	–	–	–	–	–	–	Autres minerais.
126,442	–	126,442	27,042	–	126,442	–	Sable, etc.
127,720	–	127,720	27,617	–	126,442	1,278	Total.
133,491	2,744	136,235	27,985	–	134,707	1,528	Grand total.

Table XXV—Statement of Traffic on the OTTAWA Canals during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	360	24,108	25,687	–	154	–	–	–	–
Canadian Vessels—Sail	1,013	99,309	98,545	–	894	–	–	1,237	–
United States Vessels—Steam	–	–	–	–	–	–	–	–	–
United States Vessels—Sail	178	4,244	10,624	–	–	–	–	4,327	–
Total	1,551	127,661	134,856	–	1,048	–	–	6,064	–
Passengers	–	–	550	–	–	–	–	–	–
Agricultural Products—									
Barley	–	–	–	–	–	–	–	–	–
Buckwheat	–	2	–	–	–	–	–	–	–
Corn	–	23	1	–	–	–	–	–	–
Oats	–	102	293	–	–	–	–	–	–
Rye	–	–	–	–	–	–	–	–	–
Flax	–	–	–	–	–	–	–	–	–
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	35	–	–	–	–	–	–	–
Flour	–	466	85	–	–	–	–	–	–
Hay	–	50	415	–	–	–	–	–	–
Other Mill Products	–	116	341	–	–	–	–	–	–
Fruits and Vegetables	–	154	167	–	–	–	–	–	–
Potatoes	–	8	414	–	–	–	–	–	
Total	–	956	1,716	–	–	–	–	–	–
Animal Products—									
Live Stock	–	8	270	–	–	–	–	–	–
Poultry, Game and Fish	–	6	28	–	–	–	–	–	–
Dressed Meats	–	–	–	–	–	–	–	–	–
Other Packing House Products	–	130	49	–	–	–	–	–	–
Hides and Leather	–	–	3	–	–	–	–	–	–
Wool	–	5	–	–	–	–	–	–	–
Animal Products, All other	–	16	1,954	–	–	–	–	–	–
Total	–	165	2,304	–	–	–	–	–	–
Grand Total	–	1,121	4,020	–	–	–	–	–	–
Manufactures—									
Agricultural Implements	–	101	27	–	–	–	–	–	–
Cement, Bricks, Lime	–	418	29	–	–	–	–	–	–
Household Goods and Furniture	–	144	121	–	–	–	–	–	–
Iron—Pig and Bloom	–	118	30	–	–	–	–	–	–
Iron and Steel, All Other	–	1,115	186	–	–	–	–	–	–
Petroleum and Other Oils	–	427	392	–	25	–	–	–	–
Sugar	–	338	108	–	–	–	–	–	–
Salt	–	946	13	–	–	–	–	–	–
Wines, Liquors and Beers	–	1,356	74	–	–	–	–	–	–
Merchandise—Not enumerated	–	5,172	4,576	–	–	–	–	6,144	–
Total	–	10,135	5,556	–	25	–	–	6,144	–
Products of Forests—									
Pulpwood	–	–	–	–	–	–	–	–	–
Sawed Lumber	–	188	66,458	–	31,367	–	–	–	–
Square Timber	–	–	895	–	529	–	–	–	–
Shingles	–	–	–	–	–	–	–	–	–
Other Woods	–	177	5,623	–	265	–	–	–	–
Total	–	365	72,976	–	32,161	–	–	–	–
Products of Mine—									
Hard Coal	–	300	–	–	–	–	–	591	–
Soft Coal	–	2,580	–	–	–	–	–	–	–
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	–
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	–	97,355	–	–	–	–	–	–
Total	–	2,880	97,355	–	–	–	–	591	–
Grand Total	–	14,501	179,907	–	32,186	–	–	6,735	–

Tableau XXV—Relevé du trafic sur les canaux de l'OTTAWA en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
24,108	25,841	49,949	–	52,483	49,949	–	Navires canadiens, à vapeur.
100,546	99,439	199,985	16,298	–	199,985	–	Navires canadiens, à voiles.
–	–	–	–	99	–	–	Navires des Etats-Unis, à vapeur.
8,571	10,624	19,195	4,275	–	–	19,195	Navires des Etats-Unis, à voiles.
133,225	135,904	269,129	–	31,979	249,934	19,195	Total.
–	550	550	–	20,830	–	–	Passagers.
							Produits agricoles—
–	–	–	–	–	–	–	Orge.
2	–	2	2	–	2	–	Sarrasin.
23	1	24	7	–	24	–	Maïs.
102	293	395	224	–	395	–	Avoine.
–	–	–	–	–	–	–	Seigle.
–	–	–	–	–	–	–	Lin.
–	–	–	–	8	–	–	Pois.
35	–	35	16	–	35	–	Blé.
466	85	551	48	–	551	–	Farine.
50	415	465	–	268	465	–	Foin.
116	341	457	–	112	457	–	Autres produits de meunerie.
154	167	321	–	51	321	–	Fruits et légumes.
8	414	422	168	–	422	–	Pommes de terre.
956	1,716	2,672	26	–	2,672	–	Total.
							Produits des animaux—
8	270	278	–	49	278	–	Animaux vivants.
6	28	34	5	–	34	–	Volaille, gibier et poisson.
–	–	–	–	51	–	–	Viande abattue.
130	49	179	–	110	179	–	Autres produits des fabricants de conserves.
–	3	3	–	27	3	–	Peaux et cuir.
5	–	5	–	–	5	–	Laine.
16	1,954	1,970	–	297	1,970	–	Tous autres produits des animaux.
165	2,304	2,469	–	529	2,469	–	Total.
1,121	4,020	5,141	–	503	5,141	–	Grand total.
							Manufactures—
101	27	128	1	–	128	–	Instruments aratoires.
418	29	447	–	326	447	–	Ciment, briques, chaux.
144	121	265	–	78	265	–	Meubles et objets mobiliers.
118	30	148	–	55	148	–	Fer en gueuse et en saumon.
1,115	186	1,301	–	395	1,301	–	Tous autres fer et acier.
427	417	844	119	–	844	–	Pétrole et autres huiles.
338	108	446	–	958	446	–	Sucre.
946	13	959	163	–	959	–	Sel.
1,356	74	1,430	–	200	1,430	–	Vins, liqueurs et bières.
11,316	4,576	15,892	5,034	–	9,748	6,144	Marchandise non énumérées.
16,279	5,581	21,860	3,305	–	15,716	6,144	Total.
							Produits forestiers—
–	–	–	–	–	–	–	Bois à pulpe.
188	97,825	98,013	–	14,960	98,013	–	Bois de construction scié.
–	1,424	1,424	1,325	–	1,424	–	Bois équarri.
–	–	–	–	12	–	–	Bardeaux.
177	5,888	6,065	4,794	–	6,065	–	Autres bois.
365	105,137	105,502	–	8,853	105,502	–	Total..
							Produits miniers—
891	–	891	–	149	300	591	Houille anthracite.
2,580	–	2,580	–	44	2,580	–	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	–	–	–	–	–	–	Minerai de cuivre.
–	–	–	–	–	–	–	Minerai de fer.
–	–	–	–	–	–	–	Autres minerais.
–	97,355	97,355	21,135	–	97,355	–	Sable, etc.
3,471	97,355	100,826	20,942	–	100,235	591	Total.
21,236	212,093	233,329	14,891	–	226,594	6,735	Grand total.

Table XXVI—Statement of Traffic on the RIDEAU Canals during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	1,271	39,209	34,631	657	–	–	–	–	1,095
Canadian Vessels—Sail	438	22,174	20,985	–	–	–	–	–	–
United States Vessels—Steam	7	125	497	–	–	–	–	–	–
United States Vessels—Sail	2	251	251	–		–	–	–	–
Total	1,718	61,759	56,364	657	–	–	–	–	1,095
Passengers	–	7,388	7,397	–	–	–	–	–	–
Agricultural Products—									
Barley	–	–	–	–	–	–	–	–	–
Buckwheat	–	–	–	–	–	–	–	–	–
Corn	–	–	1	–	–	–	–	–	–
Oats	–	19	380	–	–	–	–	–	–
Rye	–	–	–	–	–	–	–	–	–
Flax	–	–	–	–	–	–	–	–	–
Peas	–	–	–	–	–	–	–	–	–
Wheat	–	–	–	–	–	–	–	–	–
Flour	–	62	85	–	–	–	–	–	–
Hay	–	771	–	–	–	–	–	–	–
Other Mill Products	–	105	20	–	–	–	–	–	–
Fruits and Vegetables	–	37	34	–	–	–	–	–	–
Potatoes	–	22	106	–	–	–	–	–	–
Total	–	1,016	626	–	–	–	–	–	–
Animal Products—									
Live Stock	–	5	4	–	–	–	–	–	–
Poultry, Game and Fish	–	12	–	–	–	–	–	–	–
Dressed Meats	–	8	–	–	–	–	–	–	–
Other Packing House Products	–	138	50	–	–	–	–	–	–
Hides and Leather	–	–	–	–	–	–	–	–	–
Wool	–	–	–	–	–	–	–	–	–
Animal Products, All other	–	31	1,749	–	–	–	–	–	–
Total	–	194	1,803	–	–	–	–	–	–
Grand Total	–	1,210	2,429	–	–	–	–	–	–
Manufactures—									
Agricultural Implements	–	47	48	–	–	–	–	–	–
Cement, Bricks, Lime	–	218	59	–	–	–	–	–	–
Household Goods and Furniture	–	83	76	–	–	–	–	–	–
Iron—Pig and Bloom	–	158	29	–	–	–	–	–	–
Iron and Steel, All other	–	1,856	106	–	–	–	–	–	–
Petroleum and Other Oils	–	318	392	–	–	–	–	–	–
Sugar	–	120	120	–	–	–	–	–	–
Salt	–	1,133	17	–	–	–	–	–	–
Wines, Liquors and Beers	–	1,814	66	–	–	–	–	–	–
Merchandise—Not enumerated	–	7,023	3,303	–	–	–	–	–	–
Total	–	12,780	4,216	–	–	–	–	–	–
Products of Forests—									
Pulpwood	–	–	27	–	–	–	–	–	–
Sawed Lumber	–	710	6,029	–	–	–	–	–	–
Square Timber	–	–	–	–	–	–	–	–	–
Shingles	–	71	–	–	–	–	–	–	–
Other Woods	–	75	1,010	–	–	–	–	–	–
Total	–	856	7,066	–	–	–	–	–	–
Products of Mine—									
Hard Coal	–	4	57	–	–	–	–	–	954
Soft Coal	–	7	–	–	–	–	–	–	1,813
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	–
Iron Ore	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	53,670	12,775	–	–	–	–	–	–
Total	–	53,681	12,832	–	–	–	–	–	2,767
Grand Total	–	68,527	26,513	–	–	–	–	–	2,767

Tableau XXVI—Relevé du trafic sur les canaux RIDEAU en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
39,866	35,726	75,592	–	4,234	75,592	–	Navires canadiens, à vapeur.
22,174	20,985	43,159	409	–	43,159	–	Navires canadiens, à voiles.
125	497	622	622	–	–	622	Navires des Etats-Unis, à vapeur.
251	251	502	310	–	–	502	Navires des Etats-Unis, à voiles.
62,416	57,459	119,875	–	2,893	118,751	1,124	Total.
7,388	7,397	14,785	–	2,241	–	–	Passagers.
							Produits agricoles—
–	–	–	–	–	–	–	Orge.
–	–	–	–	5	–	–	Sarrasin.
–	1	1	1	–	1	–	Maïs.
19	380	399	378	–	399	–	Avoine.
–	–	–	–	–	–	–	Seigle.
–	–	–	–	–	–	–	Lin.
–	–	–	–	3	–	–	Pois.
–	–	–	–	–	–	–	Blé.
62	85	147	4	–	147	–	Farine.
771	–	771	–	45	771	–	Foin.
105	20	125	–	20	125	–	Autres produits de meunerie.
37	34	71	14	–	71	–	Fruits et légumes.
22	106	128	71	–	128	–	Pommes de terre.
1,016	626	1,642	395	–	1,642	–	Total.
							Produits des animaux—
5	4	9	–	8	9	–	Animaux vivants.
12	–	12	10	–	12	–	Volaille, gibier et poisson.
8	–	8	–	52	8	–	Viande abattue.
138	50	188	7	141	188	–	Autres produits des fabricants de conserves.
–	–	–	–	17	–	–	Peaux et cuir.
–	–	–	–	6	–	–	Laine.
31	1,749	1,780	–	116	1,780	–	Tous autres produits des animaux.
194	1,803	1,997	–	330	1,997	–	Total.
1,210	2,429	3,639	65	–	3,639	–	Grand total.
							Manufactures—
47	48	95	–	35	95	–	Instruments aratoires.
218	59	277	–	586	277	–	Ciment, briques, chaux.
83	76	159	84	–	159	–	Meubles et objets mobiliers.
158	29	187	–	16	187	–	Fer en gueuse et en saumon.
1,856	106	1,962	750	–	1,962	–	Tous autres fer et acier.
318	392	710	282	–	710	–	Pétrole et autres huiles.
130	120	250	–	723	250	–	Sucre.
1,133	17	1,150	779	–	1,150	–	Sel.
1,814	66	1,880	609	–	1,880	–	Vins, liqueurs et bières.
7,023	3,303	10,326	3,668	–	10,326	–	Marchandises non énumérées.
12,780	4,216	16,996	4,812	–	16,996	–	Total.
							Produits forestiers—
–	27	27	27	–	27	–	Bois à pulpe.
710	6,029	6,739	–	5,141	6,739	–	Bois de construction scié.
–	–	–	–	1,240	–	–	Bois équarri.
71	–	71	43	–	71	–	Bardeaux.
75	1,010	1,085	999	–	1,085	–	Autres bois.
856	7,066	7,922	–	5,312	7,922	–	Total.
							Produits miniers—
4	1,011	1,015	–	3,160	–	1,015	Houille anthracite.
7	1,813	1,820	1,469	–	–	1,820	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	–	–	–	–	–	–	Minerai de cuivre.
–	–	–	–	–	–	–	Minerai de fer.
–	–	–	–	–	–	–	Autres minerais.
53,670	12,775	66,445	–	3,576	66,445	–	Sable, etc.
53,681	15,599	69,280	–	5,267	66,445	2,835	Total.
68,527	29,310	97,837	–	5,702	95,002	2,835	Grand total.

Table XXVII—Statement of Traffic on the TRENT Canals during 1920

Commodities	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		From Canadian to United States Ports — De ports canadiens à ports des Etats-Unis		From United States to United States Ports — De ports des Etats-Unis à ports des Etats-Unis		From United States to Canadian Ports — De ports des Etats-Unis à ports canadiens	
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant	Up — En montant	Down — En descendant
Canadian Vessels—Steam	4,871	63,568	63,260	–	–	–	–	–	–
Canadian Vessels—Sail	672	16,728	17,028	–	–	–	–	–	–
United States Vessels—Steam	25	37	94	2	4	–	–	–	–
United States Vessels—Sail	–	–	–	–	–	–	–	–	–
Total	5,568	80,433	80,382	2	4	–	–	–	–
Passengers	–	49,237	48,612	–	–	–	–	–	–
Agricultural Products –									
Barley	–	12	–	–	–	–	–	–	–
Buckwheat	–	–	6	–	–	–	–	–	–
Corn	–	–	–	–	–	–	–	–	–
Oats	–	13	–	–	–	–	–	–	–
Rye	–	–	–	–	–	–	–	–	–
Flax	–	–	–	–	–	–	–	–	–
Peas	–	5	–	–	–	–	–	–	–
Wheat	–	1,656	–	–	–	–	–	–	
Flour		17							
Hay		8							
Other Mill Products		38							
Fruits and Vegetables		52	4						
Potatoes		84	4						
Total		1,885	14						
Animal Products—									
Live Stock		150				–	–	–	–
Poultry, Game and Fish	–	–	–	–	–	–	–	–	–
Dressed Meats	–	–	–	–	–	–	–	–	–
Other Packing House Products	–	–	–	–	–	–	–	–	–
Hides and Leather	–	–	–	–	–	–	–		–
Wool	–	–	–	–	–	–	–	–	–
Animal Products, All other	–	2	24	–	–	–	–	–	–
Total	–	152	24	–	–	–	–	–	–
Grand Total	–	2,037	38	–	–	–	–	–	–
Manufactures—									
Agricultural Implements	–	26	60	–	–	–	–	–	–
Cement, Bricks, Lime	–	45	28	–	–	–	–	–	–
Household Goods and Furniture	–	62	4	–	–	–	–	–	–
Iron—Pig and Bloom	–	10	–	–	–	–	–	–	–
Iron and Steel, All other	–	–	–	–	–	–	–	–	–
Petroleum and Other Oils	–	27	3	–	–	–	–	–	–
Sugar	–	1	–	–	–	–	–	–	–
Salt	–	–	3	–	–	–	–	–	–
Wines, Liquors and Beers	–	16	3	–	–	–	–	–	–
Merchandise—Not enumerated	–	857	789	–	–	–	–	–	–
Total	–	1,044	890	–	–	–	–	–	–
Products of Forests—									
Pulpwood	–	–	7,460	–	–	–	–	–	–
Sawed Lumber	–	2,099	7,298	–	–	–	–	–	–
Square Timber	–	3,207	910	–	–	–	–	–	–
Shingles	–	38	10	–	–	–	–	–	–
Other Woods	–	7,954	20,490	–	–	–	–	–	–
Total	–	13,298	36,168	–	–	–	–	–	–
Products of Mine—									
Hard Coal	–	45	19	–	–	–	–	–	–
Soft Coal	–	–	88	–	–	–	–	–	–
Coke	–	–	–	–	–	–	–	–	–
Copper Ore	–	–	–	–	–	–	–	–	–
Iron Ore	–	1	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc	–	32	–	–	–	–	–	–	–
Total	–	78	107	–	–	–	–	–	–
Grand Total	–	16,457	37,203	–	–	–	–	–	–

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Tableau XXVII—Relevé du trafic sur les canaux TRENT en 1920

Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison		Nomenclature
Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada	United States — Etats-Unis	
63,568	63,260	126,828	3,638	–	126,828	–	Navires canadiens, à vapeur.
16,728	17,028	33,756	1,051	–	33,756	–	Navires canadiens, à voiles.
39	98	137	137	–	–	137	Navires des Etats-Unis, à vapeur.
–	–	–	–	–	–	–	Navires des Etats-Unis, à voiles.
80,335	80,386	160,721	4,826	–	160,584	137	Total.
49,237	48,612	97,849	–	3,712	–	–	Passagers.
							Produits agricoles—
12	–	12	–	20	12	–	Orge.
–	6	6	6	–	6	–	Sarrasin.
–	–	–	–	4	–	–	Maïs.
13	–	13	–	26	13	–	Avoine.
–	–	–	–	–	–	–	Seigle.
–	–	–	–	–	–	–	Lin.
5	–	5	4	–	5	–	Pois.
1,656	–	1,656	–	355	1,656	–	Blé.
17	–	17	–	16	17	–	Farine.
8	–	8	–	26	8	–	Foin.
38	–	38	–	86	38	–	Autres produits de meunerie.
52	4	56	44	–	56	–	Fruits et légumes.
84	4	88	50	–	88	–	Pommes de terre.
1,885	14	1,899	–	–	1,899	–	Total.
							Produits des animaux—
150	–	150	–	15	150	–	Animaux vivants.
–	–	–	–	–	–	–	Volaille, gibier et poisson.
–	–	–	–	1	–	–	Viande abattue.
–	–	–	–	1	–	–	Autres produits des fabricants de conserves.
–	–	–	–	–	–	–	Peaux et cuir.
–	–	–	–	–	–	–	Laine.
2	24	26	5	–	26	–	Tous autres produits des animaux.
152	24	176	–	–	176	–	Total.
2,037	38	2,075	–	–	2,075	–	Grand total.
							Manufactures—
26	60	86	51	–	86	–	Instruments aratoires.
45	28	73	–	441	73	–	Ciment, briques, chaux.
62	4	66	–	61	66	–	Meubles et objets mobiliers.
10	–	10	8	–	10	–	Fer en gueuse et en saumon.
–	–	–	–	1	–	–	Tous autres fer et acier.
27	3	30	–	32	30	–	Pétrole et autres huiles.
1	–	1	–	6	1	–	Sucre.
–	3	3	1	–	3	–	Sel.
16	3	19	–	4	19	–	Vins, liqueurs et bières.
857	789	1,646	–	78	1,646	–	Marchandise non énumérée.
1,044	890	1,934	–	–	1,934	–	Total.
							Produits forestiers—
–	7,460	7,460	–	6,093	7,460	–	Bois à pulpe.
2,099	7,298	9,397	3,993	–	9,397	–	Bois de construction scié.
3,207	910	4,117	–	3,857	4,117	–	Bois équarri.
38	10	48	–	134	48	–	Bardeaux.
7,954	20,490	28,444	8,478	–	28,444	–	Autres bois.
13,298	36,168	49,466	–	–	49,466	–	Total.
							Produits miniers—
45	19	64	19	–	–	64	Houille anthracite.
–	88	88	11	–	88	–	Houille bitumineuse.
–	–	–	–	–	–	–	Coke.
–	–	–	–	–	–	–	Minerai de cuivre.
1	–	1	1	–	1	–	Minerai de fer.
–	–	–	–	–	–	–	Autre minerai.
32	–	32	–	707	32	–	Sable, etc.
78	107	185	–	676	121	64	Total.
16,457	37,203	53,660	707	–	53,596	64	Grand total.

Table XXVII—Statement of Traffic on the ST. ANDREWS Canal during 1920

Tableau XXVIII—Relevé du trafic sur le canal ST-ANDRÉ en 1920

Commodities — Nomenclature	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada
Canadian Vessels—Steam—Navires canadiens, à vapeur	93	5,337	4,940	5,337	4,940	10,277	–	5,727	10,277
Canadian Vessels—Sail—Navires canadiens, à voiles	61	7,675	8,415	7,675	8,415	16,090	6,595	–	16,090
United States Vessels—Steam—Navires des Etats-Unis, à vapeur	–	–	–	–	–	–	–	–	–
United States Vessels—Sail—Navires des Etats-Unis, à voiles	–	–	–	–	–	–	–	–	–
Total	154	13,012	13,355	13,012	13,355	26,367	868	–	26,367
Passengers—Passagers	–	2,773	2,158	2,773	2,158	4,931	–	1,229	4,931
Agricultural Products—Produits agricoles—									
Barley—Orge	–	–	–	–	–	–	–	–	–
Buckwheat—Sarrasin	–	–	–	–	–	–	–	–	–
Corn—Maïs	–	–	–	–	–	–	–	–	–
Oats—Avoine	–	–	51	–	51	51	51	–	51
Rye—Seigle	–	–	–	–	–	–	–	–	–
Flax—Lin	–	–	–	–	–	–	–	–	–
Peas—Pois	–	–	–	–	–	–	–	–	–
Wheat—Blé	–	–	–	–	–	–	–	–	–
Flour—Farine	–	–	–	–	–	–	–	–	–
Hay—Foin	–	–	50	–	50	50	50	–	50
Other Mill Products—Autres produits de meunerie	–	–	–	–	–	–	–	–	–
Fruits and Vegetables—Fruits et légumes	–	–	–	–	–	–	–	–	–
Potatoes—Pommes de terre	–	–	–	–	–	–	–	–	–
Total	–	–	101	–	101	101	101	–	101
Animal Products—Produits des animaux—									
Live Stock—Animaux vivants	–	–	–	–	–	–	–	91	–
Poultry, Game and Fish—Volaille, gibier et poisson	–	–	–	–	–	–	–	–	–
Dressed Meats—Viande abattue	–	–	–	–	–	–	–	–	–
Other Packing House Products—Autres produits des fabricants de conserves	–	–	–	–	–	–	–	–	–
Hides and Leather—Peaux et cuir	–	–	–	–	–	–	–	–	–
Wool—Laine	–	–	–	–	–	–	–	–	–
Animal Products, All other—Tous autres produits des animaux	–	–	–	–	–	–	–	–	–
Total	–	–	–	–	–	–	–	91	–
Grand Total	–	–	101	–	101	101	10	–	101
Manufactures—									
Agricultural Implements—Instruments aratoires	–	10	–	10	–	10	10	–	10
Cement, Bricks, Lime—Ciment, briques, chaux	–	–	8	–	8	8	8	–	8
Household Goods and Furniture—Meubles et objets mobiliers	–	–	10	–	10	10	8	–	10
Iron—Pig and Bloom—Fer en gueuse et en saumon	–	–	–	–	–	–	–	–	–
Iron and Steel, All Other—Tous autres fer et acier	–	–	–	–	–	–	–	2	–
Petroleum and Other Oils—Pétrole et autres huiles	–	–	–	–	–	–	–	6	–
Sugar—Sucre	–	–	–	–	–	–	–	–	–
Salt—Sel	–	–	–	–	–	–	–	30	–
Wines, Liquors and Beers—Vins, liqueurs et bières	–	–	–	–	–	–	–	–	–
Merchandise—Not enumerated—Marchandises non énumérées	–	50	52	50	52	102	–	126	102
Total	–	60	70	60	70	130	–	138	130

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Table XXVIII—Statement of Traffic on the ST. ANBREWS Canal during 1929—Concluded.

Tableau XXVIII—Relevé du trafic sur le canal ST-ANDRÉ en 1920—fin.

Commodities — Nomenclature	Total Number — Nombre total	From Canadian to Canadian Ports — De ports canadiens à ports canadiens		Tons — Tonnes		Total Tons — Tonnage total	Increase — Augmentation	Decrease — Diminution	Origin of Cargo — Origine de la cargaison
		Up — En montant	Down — En descendant	Up — En montant	Down — En descendant		Tons — Tonnes	Tons — Tonnes	Canadian — Canada
Products of Forests—Produits forestiers—									
Pulpwood—Bois à pulpe	–	–	–	–	–	–	–	500	–
Sawed Lumber—Bois de construction scié	–	1,756	25	1,756	25	1,781	1,566	–	1,781
Square Timber—Bois équarri	–	–	–	–	–	–	–	–	–
Shingles—Bardeaux	–	–	–	–	–	–	–	–	–
Other Woods—Autres bois	–	3,941	2	3,491	2	3,493	804	–	3,493
Total	–	5,247	27	5,247	27	5,274	1,870	–	5,274
Products of Mine—Produits miniers—									
Hard Coal—Houille anthracite	–	95	–	95	–	95	95	–	95
Soft Coal—Houille bitumineuse	–	–	–	–	–	–	–	–	–
Coke	–	–	–	–	–	–	–	–	–
Copper Ore—Minerai de cuivre	–	–	–	–	–	–	–	–	–
Iron Ore—Minerai de fer	–	–	–	–	–	–	–	–	–
Other Ore	–	–	–	–	–	–	–	–	–
Sand, etc.—Sable, etc	–	175	–	175	–	175	175	–	175
Total	–	270	–	270	–	270	270	–	27
Grand Total	–	5,577	198	5,577	198	5,775	2,012	–	5,775

Table XXIX—Traffic on Canadian Canals

Tableau XXIX—Trafic sur les canaux canadiens

Year — Année	Canadian Vessels Navires canadiens		United States Vessels Navires des Etats-Unis		Freight Carried—Fret transporté				Total
					Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		
	No. — Nombre	Registered Tonnage — Tonnage enregistré	No. — Nombre	Registered Tonnage — Tonnage enregistré	Tons — Tonnes	Per cent of Total — Pourcentage du total	Tons — Tonnes	Per cent of Total — Pourcentage du total	Tons — Tonnes
1900	21,755	4,129,250	5,502	2,408,985	–	–	–	–	5,013,693
1901	20,860	3,980,264	5,634	2,482,274	–	–	–	–	5,665,259
1902	22,198	4,485,695	6,433	4,086,439	–	–	–	–	7,513,197
1903	23,767	5,212,832	6,695	4,236,475	–	–	–	–	9,203,81
1904	21,851	4,772,100	6,253	3,655,905	–	–	–	–	8,256,23
1905	23,726	5,191,191	7,085	5,096,241	–	–	–	–	9,371,744
1906	25,498	5,526,321	7,319	5,685,315	–	–	–	–	10,523,185
1907	28,833	6,328,911	9,328	11,604,834	–	–	–	–	20,543,639
1908	29,040	6,780,789	7,489	8,521,139	5,012,147	28·7	12,190,673	71·3	17,502,820
1909	22,507	7,811,578	9,996	16,459,322	7,378,057	21·8	26,342,691	78·2	33,720,748
1910	25,337	8,931,790	11,462	21,777,297	7,883,614	18·3	35,106,994	81·7	42,990,608
1911	25,585	9,172,192	10,370	18,231,622	7,792,907	20·5	30,237,446	79·5	38,030,353
1912	27,371	10,237,335	11,785	24,636,190	9,376,529	19·7	38,210,716	80·3	47,587,245
1913	28,654	12,078,041	10,739	24,238,788	11,130,875	21·3	40,923,038	78·7	52,053,913
1914	26,125	12,050,856	7,742	15,636,414	9,382,206	25·3	27,641,031	74·7	37,023,237
1915	21,575	9,398,207	6,415	7,385,101	6,789,423	44·7	8,409,380	55·3	15,198,803
1916	23,002	9,839,029	6,800	10,660,839	7,486,962	31·7	16,096,529	68·3	23,583,491
1917	21,588	9,831,694	6,594	10,259,772	5,964,369	26·8	16,274,566	73·2	22,238,935
1918	18,909	7,800,972	6,791	9,616,200	3,369,477	17·8	15,514,142	82·2	18,883,619
1919	20,682	8,735,973	4,092	5,259,173	4,865,831	48·7	5,129,435	51·3	9,995,266
1920	23,038	8,521,643	3,826	3,838,890	4,094,044	46·9	4,641,339	53·1	8,735,383

Canals operated in 1872 Welland, St. Lawrence, Burlington Bay, Chambly, Rideau and Ottawa.—Les canaux Welland, St-Laurent, Baie Burlington, Chambly, Rideau et Ottawa furent inaugurés en 1872.

St. Peter's Canal first reported in 1873.—Il est fait mention du canal St-Pierre, pour la première fois en 1873.

Newcastle District Canals (Trent Valley) opened in 1876—Les canaux du district de Newcastle (Vallée de Trent) furent ouverts en 1876.

St. Peter's Canal closed for repairs during 1877, 1878 and 1879.—Le canal St.Pierre fut fermé de 1877 à 1879 pour être réparé

Statistics for Burlington Canal discontinued in 1887.—Les statisques du canal Burlington furent interrompues en 1877.

Murray Canal opened for traffic in 1890. Le canal Murray fut ouvert au trafic en 1890.

Sault Ste. Marie Canal opened in September 1895.—L'ouverture du canal du Sault Ste-Marie remonte à septembre 1895.

St. Andrew's Canal opened for traffic in 1910. Origin of cargo not shown prior to 1908.—Le canal St-André fut ouvert au trafic en 1910. Aucune statistique d'origine n'apparait avant 1908.

Table XXX—Traffic through SAULT STE. MARIE Canals

Canadian Lock

Years — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage total	Freight Tons — Tonnage des cargaisons		
	No. — Nombre	Tonnage — Tonnage	No. — Nombre	Tonnage — Tonnage			Canadian — Canadiennes	Percentage — Pourcentage	United States — Etats-Unis
1900	1,790	577,310	1,291	1,617,438	3,081	2,194,748	–	–	–
1901	2,796	775,151	1,408	1,674,597	4,204	2,449,748	–	–	–
1902	3,080	1,366,930	1,964	3,237,372	5,044	4,604,302	–	–	–
1903	2,711	1,615,939	1,640	3,146,807	4,351	4,762,746	–	–	–
1904	2,637	1,555,042	1,325	2,675,663	3,962	4,230,705	–	–	–
1905	3,970	1,803,288	1,692	2,734,349	5,662	5,537,637	–	–	–
1906	3,922	1,959,252	1,758	4,399,872	5,680	6,359,124	–	–	–
1907	3,217	2,154,688	3,132	9,961,281	6,349	12,115,969	–	–	–
1908	3,289	2,603,232	2,004	7,035,655	5,293	9,638,887	2,092,231	16·39	10,666,985
1909	2,597	2,988,936	3,734	14,850,738	6,331	17,839,674	3,366,495	12·08	24,494,750
1910	2,744	3,173,494	5,228	20,187,704	7,972	23,361,198	3,378,268	9·28	33,017,419
1911	2,713	3,108,880	4,068	16,252,340	6,781	19,361,220	3,177,581	10·27	27,774,128
1912	2,643	3,296,229	5,213	22,536,015	7,856	25,832,244	4,090,362	10·31	35,579,293
1913	3,279	3,793,434	5,006	22,181,007	8,285	25,974,441	4,954,734	11·60	37,744,590
1914	3,011	3,473,292	2,966	13,827,870	5,977	17,301,162	3,609,747	13·08	23,989,437
1915	3,000	3,041,003	1,331	5,443,812	4,331	8,484,815	2,561,734	33·05	5,189,223
1916	4,595	4,089,937	2,094	8,703,187	6,689	12,793,124	4,155,911	24·72	12,657,738
1917	3,199	3,182,960	2,138	8,712,604	5,337	11,895,564	2,875,590	18·62	12,571,502
1918	3,067	2,436,500	1,992	7,594,042	5,059	10,030,542	1,336,861	10·35	11,576,850
1919	3,140	2,817,096	929	3,671,634	4,069	6,488,730	1,606,311	38·82	2,531,774
1920	3,239	2,415,775	771	2,725,431	4,010	5,141,206	1,286,251	51·91	1,191,567

Table XXXI—Traffic on the WELLAND Canal
Tableau XXXI—Trafic sur le canal WELLAND

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight Carried—Fret transporté				
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		Total
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	1,765	575,381	634	437,431	2,399	1,012,812	–	–	–	–	719,360
1901	1,101	413,597	446	391,983	1,547	805,580	–	–	–	–	620,209
1902	1,011	393,357	557	432,366	1,568	825,723	–	–	–	–	665,387
1903	955	465,296	832	571,700	1,787	1,036,996	–	–	–	–	1,002,919
1904	799	435,049	634	416,964	1,433	852,013	–	–	–	–	811,371
1905	768	479,389	827	622,106	1,595	1,101,495	–	–	–	–	1,092,050
1906	866	602,876	670	647,152	1,536	1,250,028	–	–	–	–	1,201,967
1907	1,127	753,713	855	830,000	1,982	1,583,713	–	–	–	–	1,614,132
1908	1,531	992,237	820	670,934	2,351	1,663,171	776,245	45·57	927,208	54·43	1,703,453
1909	1,724	1,185,974	709	677,884	2,433	1,863,858	1,050,241	51·84	975,710	48·16	2,025,951
1910	1,852	1,461,499	692	687,018	2,544	2,148,517	1,196,946	51·45	1,129,344	48·55	2,326,290
1911	1,664	1,541,548	816	755,631	2,480	2,297,179	1,296,480	51·09	1,241,149	48·91	2,537,629
1912	1,946	1,814,965	959	864,535	2,905	2,679,500	1,553,116	54·46	1,298,799	45·54	2,851,915
1913	2,411	2,376,778	818	787,752	3,229	3,164,530	2,093,406	58·63	1,477,308	41·37	3,570,714
1914	2,902	2,878,483	790	757,212	3,692	3,635,695	2,013,619	52·15	1,847,350	47·85	3,860,969
1915	2,126	2,032,348	796	822,847	2,922	2,855,195	1,426,256	46·59	1,634,756	53·41	3,061,012
1916	2,092	1,794,722	847	718,897	2,939	2,513,619	1,054,480	41·43	1,490,484	58·57	2,544,964
1917	2,554	2,284,873	697	491,388	3,251	2,776,261	981,914	39·43	1,508,628	60·57	2,490,542
1918	2,088	1,760,301	1,104	835,088	3,192	2,595,389	495,607	22·79	1,678,691	77·21	2,174,298
1919	2,344	1,924,419	869	691,595	3,213	2,616,014	1,079,087	49·71	1,091,692	50·29	2,170,779
1920	2,430	2,013,817	694	514,439	3,124	2,528,256	717,452	31·52	1,558,620	68·48	2,276,072

Tableau XXX—Trafic par les canaux du SAULT STE-MARIE

Ecluse canadienne				Canadian and United States Locks—Ecluses canadienne et américaine				
		Lockages — Passages d'écluses	Days Open — Jours d'ouverture	Vessels — Navires		Freight — Fret	Percentage through Canadian Canal — Pourcentage par le canal canadien	Year — Année
Percentage — Pourcentage	Total — Total	No. — Nombre	No. — Nombre	No. — Nombre	Tonnage — Tonnage	Tons — Tonnes		
–	2,035,677	2,205	238	19,452	22,315,834	25,643,073	8	1900
–	2,820,394	2,910	246	20,041	24,626,976	28,403,065	10	1901
–	4,729,268	3,418	264	22,659	31,955,582	35,961,146	13	1902
–	5,511,868	3,242	256	18,596	27,736,444	34,674,437	16	1903
–	5,030,705	3,022	241	16,120	24,364,138	31,546,106	16	1904
–	5,473,406	4,031	255	21,679	36,617,699	44,270,680	12	1905
–	6,574,039	4,152	253	22,155	41,098,324	51,751,080	13	1906
–	15,588,165	4,596	238	20,437	44,087,974	58,217,214	27	1907
83·61	12,759,216	3,667	235	15,181	31,091,730	41,390,557	31	1908
87·92	27,861,245	5,046	240	19,204	46,751,717	57,895,149	48	1909
90·72	36,395,687	6,110	248	20,899	49,856,123	62,363,218	58	1910
89,73	30,951,709	6,802	236	18,673	41,653,488	53,477,216	58	1911
89·69	39,669,655	6,200	240	22,778	56,736,807	72,472,676	55	1912
88·40	42,699,324	6,266	246	23,795	57,989,710	79,718,344	54	1913
86·92	27,599,184	4,712	239	18,717	41,986,339	55,369,934	50	1914
66·95	7,750,957	4,374	248	21,233	56,399,147	71,290,304	11	1915
75·28	16,813,649	4,777	245	25,407	69,824,463	91,888,219	18	1916
81·38	15,447,092	4,142	237	22,885	65,307,233	89,813,898	17	1917
89·65	12,913,711	4,034	241	20,610	61,100,244	85,680,327	15	1918
61·18	4,138,085	3,174	247	17,587	50,092,721	68,235,668	6	1919
48·09	2,477,818	3,076	244	18,848	58,196,498	79,279,630	3	1920

Table XXXII—Traffic on the ST. LAWRENCE Canals

Tableau XXXII—Trafic sur les canaux du ST-LAURENT

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight carried—Fret transporté				Total
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Tons — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	8,737	2,033,206	921	105,151	9,658	2,138,357	–	–	–	–	1,309,066
1901	7,695	1,859,135	1,330	176,187	9,025	2,035,322	–	–	–	–	1,208,296
1902	7,416	1,690,532	984	151,025	8,400	1,841,557	–	–	–	–	1,093,133
1903	8,446	2,126,088	1,252	261,125	9,698	2,387,213	–	–	–	–	1,681,206
1904	7,532	1,858,385	1,146	278,864	8,678	2,137,249	–	–	–	–	1,427,316
1905	7,784	1,955,385	1,212	412,816	9,996	2,368,201	–	–	–	–	1,752,855
1906	8,213	2,019,579	1,258	298,118	9,471	2,317,697	–	–	–	–	1,636,117
1907	8,734	2,362,679	1,352	433,448	10,086	2,796,127	–	–	–	–	2,100,466
1908	6,598	2,184,280	1,427	516,267	8,025	2,700,547	1,261,651	62·79	747,451	37·21	2,009,102
1909	8,135	2,476,977	1,136	489,232	9,271	2,966,209	1,710,797	70·96	699,832	29·04	2,410,629
1910	8,834	2,910,395	1,392	482,144	10,226	3,392,539	1,973,441	71·48	787,311	28·52	2,760,752
1911	8,367	3,103,957	1,556	918,078	9,923	3,923,035	2,063,861	66·45	1,041,847	33·55	3,105,708
1912	9,201	3,496,502	1,805	846,333	11,006	4,342,835	2,340,143	67·30	1,137,045	32·70	3,477,188
1913	9,845	4,240,399	1,811	961,371	11,656	5,201,770	2,837,019	65·94	1,465,408	34·06	4,302,427
1914	8,982	4,505,235	1,263	776,490	10,245	5,281,725	2,738,649	62·36	1,652,844	37·64	4,391,493
1915	7,099	3,422,991	1,542	841,792	8,641	4,264,783	2,024,755	59·39	1,384,712	40·61	3,409,467
1916	6,647	3,129,072	1,678	1,016,367	8,325	4,145,439	1,581,195	46·95	1,786,869	53·05	3,368,064
1917	7,327	3,511,986	1,374	819,102	8,701	4,331,088	1,370,533	40·42	2,020,611	59·58	3,391,144
1918	5,687	2,839,918	1,610	970,107	7,297	3,810,025	890,940	29·39	2,140,194	70·61	3,031,134
1919	5,882	3,107,773	1,066	769,172	6,948	3,876,945	1,498,322	51·82	1,393,297	48·18	2,891,619
1920	6,145	3,233,029	813	442,250	6,958	3,675,279	1,285,272	41·89	1,782,690	58·11	3,067,962

Table XXXIII—Traffic on the CHAMBLY Canals

Tableau XXXIII—Trafic sur les tronçons du canal CHAMBLY

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight carried—Fret transporté				
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		Total
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Tons — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	664	87,580	2,177	213,175	2,841	300,755	–	–	–	–	348,561
1901	716	91,371	2,061	214,463	2,777	305,834	–	–	–	–	359,798
1902	1,267	141,083	2,524	246,368	3,791	387,451	–	–	–	–	379,442
1903	936	110,448	2,509	232,560	3,445	343,008	–	–	–	–	346,571
1904	795	101,937	2,680	261,029	3,475	362,966	–	–	–	–	448.187
1905	719	97,012	2,624	282,100	3,343	379,112	–	–	–	–	447,069
1906	801	99,313	3,089	305,411	3,890	404,724	–	–	–	–	498,939
1907	603	98,638	3,576	352,627	4,179	451,265	–	–	–	–	625,282
1908	685	74,213	2,909	280,730	3,594	354,943	379,674	75·44	123,602	24·56	503,276
1909	670	97,535	4,055	411,019	4,725	508,554	623,421	82·89	126,696	17·11	752,117
1910	619	97,797	3,600	369.449	4,219	467,246	525,700	78·54	143,599	21·46	669·299
1911	497	51,451	3,511	367,978	4,008	419,429	443,846	74·00	155,983	26·00	599,829
1912	486	45,550	3,319	344.435	3,705	389,985	447,702	72·40	170,713	27·60	618,415
1913	472	62,140	2,725	273.671	3,197	335,811	358,801	64·58	196,801	35·42	555,602
1914	346	52,736	2,348	241,672	2,694	294,408	308,091	70·82	128,814	29·48	436,905
1915	488	58,998	2,301	235,193	2,789	294,191	292,191	61·04	186,516	38·96	478,707
1916	508	64,064	1,811	186,298	2,319	250,362	257,181	64·46	141,796	35·54	398,977
1917	400	65,806	2,060	202,970	2,460	268,776	281,292	64·69	153,526	35·31	434,818
1918	571	86,402	1,726	177,320	2,297	263,722	262,556	71·12	106,630	28·88	369,186
1919	383	65,604	1,040	107,605	1,423	173,209	138,420	56·97	104,541	43·03	242,961
1920	500	77,666	1,295	134.978	1,795	212,644	228,022	70·09	97,300	29·91	325,322

Table XXXIV—Traffic on ST. PETER'S Canal

Tableau XXXIV—Trafic sur le canal ST-PIERRE

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight Carried—Fret transporté				
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		Total
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	1,621	115,316	7	467	1,628	115,783	–	–	–	–	73,813
1901	1,738	119,817	7	933	1,745	120,750	–	–	–	–	88,257
1902	1,664	113,975	7	871	1,671	114,846	–	–	–	–	73,538
1903	1,749	118,304	11	1,760	789	119,093	–	–	–	–	90,864
1904	1,647	99,479	7	1,020	1,654	100,499	–	–	–	–	73,416
1905	1,586	103,796	9	11,63	1,595	104,959	–	–	–	–	81,077
1906	1,416	94,240	2	477	1,418	94,717	–	–	–	–	76,327
1907	1,335	91,116	2	355	1,337	91,471	–	–	–	–	73,167
1908	1,380	95,560	–	–	1,380	95,560	72,015	100·00	–	–	72,015
1909	1,428	102,423	11	1,203	1,439	103,626	79,150	99·12	700	0·88	79,850
1910	1,466	106,242	4	811	1,470	107,053	85,722	99·73	229	0·27	85,951
1911	1,260	89,270	–	–	1,260	89,270	75,298	100·00	–	–	75,298
1912	1,205	88,519	8	626	1,213	89,145	74,509	99·60	300	0·40	74,809
1913	1,324	94,890	13	1,048	1,337	95,938	71,514	100·00	–	–	71,514
1914	1,192	80,252	8	413	1,200	80,665	54,164	99·97	16	0·03	54,180
1915	71	5,650	–	–	71	5,650	2,895	100·00	–	–	2,895
1916	133	9,201	–	–	133	9,201	9,629	100·00	–	–	9,629
1917	1,144	82,405	2	89	1,146	82,494	62,254	100·00	–	–	62,254
1918	1,067	68,741	4	546	1,071	69,287	59,716	100·00	–	–	59,716
1919	1,155	78,412	17	1,522	1,172	79,934	64,879	100·00	–	–	64,879
1920	1,194	82,908	8	524	1,202	83,432	61,373	100·00	–	–	61,373

Table XXXV—Traffic on the MURRAY Canal

Tableau XXXV—Trafic sur le canal MURRAY

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight carried—Fret transporté				
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		Total
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Tons — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	705	216,983	40	2,196	745	213,179	–	–	–	–	19,067
1901	814	221,951	36	1,381	850	223,332	–	–	–	–	29,535
1902	793	222,965	37	1,032	830	223,997	–	–	–	–	35,178
1903	733	214,019	29	1,561	762	215,580	–	–	–	–	30,389
1904	706	215,529	62	5,776	768	221,305	–	–	–	–	28,439
1905	650	224,360	57	4,477	707	228,837	–	–	–	–	29,421
1906	750	233,780	11	392	761	234,172	–	–	–	–	27,727
1907	1,018	229,896	35	727	1,053	230,623	–	–	–	–	52,402
1908	927	204,247	71	3,034	998	207,281	12,595	48·63	13,306	51·37	25,901
1909	886	265,554	71	2,573	957	268,127	79,254	77·48	23,037	22·52	102,291
1910	1,240	378,037	68	1,413	1,308	379,450	170,680	95·92	7,261	4·08	177,941
1911	1,356	368,189	84	3,021	1,440	371,210	159,409	97·52	4,048	2·48	163,457
1912	1,010	386,302	75	2,761	1,085	389,063	167,520	98·49	2,561	1·51	170,081
1913	1,224	394,494	53	2,133	1,277	397,627	162,095	89·76	18,481	1·24	180,576
1914	914	210,747	57	2,889	971	213,636	80,946	96·47	2,961	3·53	83,907
1915	552	124,506	48	1,407	600	125,913	27,942	90·93	2,786	9·07	30,728
1916	649	108,260	30	1,025	679	109,285	45,085	96·58	1,595	3·42	46,680
1917	866	134,929	25	2,570	891	137,499	54,405	94·45	3,198	5·55	57,603
1918	438	114,573	15	1,146	453	115,719	43,901	98·14	834	1·86	44,735
1919	586	152,610	21	2,434	607	155,044	107,547	99·35	703	0·65	108,250
1920	751	142,812	33	812	784	143,624	134,707	98·88	1,528	1·12	136,235

Table XXXVI—Traffic on the OTTAWA Canals

Tableau XXXVI—Trafic sur les canaux de l'OTTAWA

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight Carried—Fret transporté				
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		Total
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	1,910	250,048	204	20,068	2,114	270,116	–	–	–	–	389,145
1901	1,662	241,981	159	15,577	1,821	257,558	–	–	–	–	445,862
1902	1,803	239,282	103	10,175	1,906	249,457	–	–	–	–	444,682
1903	1,965	253,905	129	12,559	2,094	266,464	–	–	–	–	436,473
1904	1,712	217,515	93	9,315	1,805	226,830	–	–	–	–	335,993
1905	1,834	226,439	318	31,458	2,152	257,897	–	–	–	–	390,771
1906	1,922	235,179	285	27,666	2,207	262,845	–	–	–	–	397,415
1907	1,801	246,790	233	22,455	2,034	269,245	–	–	–	–	336,850
1908	1,773	215,183	109	10,597	1,882	225,780	258,527	100·00	–	–	258,527
1909	1,935	365,984	246	24,619	2,181	390,603	331,104	98·27	5,835	1·73	336,939
1910	2,189	410,907	412	41,963	2,601	452,820	377,268	97·93	7,993	2·07	385,261
1911	2,109	377,925	304	30,536	2,413	408,461	312,269	97·56	7,802	2·44	320,071
1912	2,662	480,751	397	40,598	3,059	521,349	383,515	97·75	8,835	2·25	392,350
1913	2,647	497,649	291	29,718	2,938	527,367	358,465	98·09	6,973	1·91	365,438
1914	2,197	392,516	275	27,257	2,472	419,773	325,059	96·99	10,073	3·01	335,132
1915	1,649	297,434	391	39,464	2,040	336,898	267,406	98·18	4,964	1·82	272,370
1916	1,659	302,012	328	33,851	1,987	335,863	226,381	95·26	11,270	4·74	237,651
1917	1,514	293,997	282	29,085	1,696	323,082	200,953	93·53	13,882	6·47	214,835
1918	1,165	218,992	323	34,498	1,488	253,490	159,700	95·53	7,470	4·47	167,170
1919	1,642	286,089	148	15,019	1,790	301,108	215,178	98·50	3,260	1·50	218,438
1920	1,373	249,934	178	19,195	1,551	269,129	226,594	97·12	6,735	2·88	233,329

Table XXXVII—Traffic on the RIDEAU Canals

Tableau XXXVII—Trafic sur les tronçons du canal RIDEAU

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight carried—Fret transporté				
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		Total
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	2,351	178,456	228	13,059	2,579	191,515	–	–	–	–	75,432
1901	2,327	157,096	187	7,153	2,514	164,249	–	–	–	–	56,376
1902	2,614	163,339	257	7,230	2,871	170,569	–	–	–	–	50,879
1903	3,673	160,205	293	9,374	3,966	169,579	–	–	–	–	61,120
1904	3,750	162,462	292	7,183	4,042	169,645	–	–	–	–	55,120
1905	4,374	178,804	341	7,755	4,715	186,559	–	–	–	–	59 864
1906	5,621	213,302	246	6 227	5,867	207,529	–	–	–	–	82,159
1907	6,213	184,055	143	3 941	6,356	187,996	–	–	–	–	82,369
1908	7,832	186,018	149	3 922	7,981	189,940	77 519	86·50	121,21	13·50	89,640
1909	2,202	154,267	34	2,054	2,236	156,321	77,643	84·61	14,131	15·39	91,774
1910	2,749	176,447	66	6,795	2,815	183,242	121,043	89·74	13,838	10·26	134,881
1911	3,031	222,562	31	3,038	3,062	225,600	159,738	92·75	12,489	7·25	172,227
1912	2,960	208,689	9	887	2,969	209,576	146,963	91·78	13,170	8·22	160,133
1913	2,798	200,898	22	2,088	2,820	202,986	157,746	92·13	13,477	7·87	171,223
1914	2,600	176,904	35	2,611	2,635	179,575	142,203	93·72	9,536	6·28	151,739
1915	2,070	144,787	6	586	2,076	145,373	114,358	94·68	6,423	5·32	120,781
1916	1,672	117,341	12	1,214	1,684	118,555	98,653	93·57	6,777	6·43	105,430
1917	1,504	105,666	16	1,964	1,520	107,630	81,330	96·19	3,219	3·81	84,549
1918	1,156	75,478	8	3,316	1,164	78,803	50,663	93·58	3,473	6·42	54,136
1919	1,833	122,576	2	192	1,835	122,768	99,371	95·97	4,168	4·03	103,539
1920	1,709	118,751	9	1,124	1,718	119,875	95,002	97·10	2,835	2·90	97,837

Table XXXVIII—Traffic on the TRENT Canals

Tableau XXXVIII—Trafic sur les tronçons du canal de TRENT

Year — Année	Canadian Vessels — Navires canadiens		United States Vessels — Navires des Etats-Unis		Total No. — Nombre total	Vessel Tonnage — Tonnage des navires	Freight Carried—Fret transporté				
							Originating in Canada — Provenant du Canada		Originating in United States — Provenant des Etats-Unis		Total
	No. — Nombre	Tonnage	No. — Nombre	Tonnage			Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes	Percent of Total — Pourcentage du total	Tons — Tonnes
1900	2,212	100,970	–	–	2,212	100,970	–	–	–	–	43,572
1901	2,011	100,165	–	–	2,011	100,165	–	–	–	–	36,532
1902	2,550	154,232	–	–	2,550	154,232	–	–	–	–	41,690
1903	2,599	148,628	–	–	2,599	148,628	–	–	–	–	42,407
1904	2,273	126,702	14	91	2,287	126,793	–	–	–	–	45,689
1905	2,041	122,718	5	17	2,046	122,735	–	–	–	–	45,231
1906	1,987	80,800	–	–	1,987	80,800	–	–	–	–	28,495
1907	4,785	207,336	–	–	4,785	207,336	–	–	–	–	69,806
1908	5,025	225,819	–	–	5,025	225,819	81,690	100·00	–	–	81,690
1909	3,730	173,928	–	–	3,730	173,928	59,952	100·00	–	–	59,952
1910	3,442	172,055	–	–	3,442	172,055	46,263	100·00	–	–	46,263
1911	4,165	196,973	–	–	4,165	196,973	57,290	100·00	–	–	57,290
1912	3,998	208,855	–	–	3,998	208,855	77,150	100·00	–	–	77,150
1913	3,666	217,081	–	–	3,666	217,081	58,800	100·00	–	–	58,800
1914	3,647	174,647	–	–	3,647	174,647	67,715	100·00	–	–	67,715
1915	3,433	172,780	–	–	3,433	172,780	49,904	100·00	–	–	49,904
1916	3,495	165,486	–	–	3,495	165,486	45,009	100·00	–	–	45,009
1917	2,967	142,979	–	–	2,967	142,979	48,924	100·00	–	–	48,924
1918	3,540	171,996	9	137	3,549	172,133	64,893	100·00	–	–	64,893
1919	3,594	155,895	–	–	3,594	155,895	52,953	100·00	–	–	52,953
1920	5,543	160,584	25	137	5,568	160,721	53,596	99·88	64	·12	53,660

Table XXXIX—Traffic on ST. ANDREW'S Canal

Tableau XXXIX—Trafic sur le canal ST-ANDRÉ

Year — Année	Canadian Vessels — Navires canadiens		Freight Carried — Fret transporté
	No. — Nombre	Tonnage	Canadian — Canadien
			tons
1910	202	44,887	8,283
1911	423	111,437	47,135
1912	1,260	210,973	95,549
1913	988	199,278	81,295
1914	334	106,044	42,013
1915	1,087	97,710	21,982
1916	552	58,934	13,438
1917	113	26,093	7,174
1918	130	28,062	4,640
1919	123	25,499	3,763
1920	154	26,367	5,775

This canal is used only by Canadian vessels.—Seuls les navires canadiens se servent de ce canal.

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